

# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO  
ExxonMobil Oil Corporation

AUTHORIZING THE OPERATION OF  
ExxonMobil Beaumont Refinery  
Beaumont Refinery  
Petroleum Refineries

LOCATED AT  
Jefferson County, Texas  
Latitude 30° 3' 50" Longitude 94° 4' 13"  
Regulated Entity Number: RN102450756

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site, emission units and affected source listed in this permit. Operations of the site, emission units and affected source listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site, emission units and affected source authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site, emission units and affected source.

Permit No: O2000 Issuance Date: February 19, 2020

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For the Commission

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## **General Terms and Conditions**

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

## **Special Terms and Conditions:**

### **Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting**

1. Permit holder shall comply with the following requirements:
  - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
  - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
  - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
  - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
  - E. Emission units subject to 40 CFR Part 63, Subparts Y, CC, WW, UUU, EEEE, ZZZZ, DDDDD, and GGGGG as identified in the attached Applicable Requirements Summary

table are subject to 30 TAC Chapter 113, Subchapter C, §§ 113.300, 113.340, 113.540, 113.780, 113.880, 113.1090, 113.1130, and 113.1160 which incorporate the 40 CFR Part 63 Subparts by reference.

- F. For the purpose of generating discrete emission reduction credits through 30 TAC Chapter 101, Subchapter H, Division 4 (Discrete Emission Credit Banking and Trading), the permit holder shall comply with the following requirements:
  - (i) Title 30 TAC § 101.372 (relating to General Provisions)
  - (ii) Title 30 TAC § 101.373 (relating to Discrete Emission Reduction Credit Generation and Certification)
  - (iii) Title 30 TAC § 101.374 (relating to Mobile Discrete Emission Reduction Credit Generation and Certification)
  - (iv) Title 30 TAC § 101.378 (relating to Discrete Emission Credit Banking and Trading)
  - (v) The terms and conditions by which the emission limits are established to generate the discrete reduction credit are applicable requirements of this permit
- 2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
  - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
  - B. Title 30 TAC § 101.3 (relating to Circumvention)
  - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
  - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
  - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
  - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
  - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
  - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
  - I. Title 30 TAC § 101.222 (relating to Demonstrations)
  - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
- 3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
  - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity

averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

- (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(1)(E)
- (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
- (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:
  - (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
  - (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
  - (3) Records of all observations shall be maintained.
  - (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)
- (iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
  - (1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.
  - (2) Records of all observations shall be maintained.
  - (3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position

where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- C. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- D. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
  - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
  - (ii) Sources with an effective stack height ( $h_e$ ) less than the standard effective stack height ( $H_e$ ), must reduce the allowable emission level by multiplying it by  $[h_e/H_e]^2$  as required in 30 TAC § 111.151(b)
  - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- E. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
  - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
  - (ii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)

4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: "Storage of Volatile Organic Compounds," the permit holder shall comply with the requirements of 30 TAC § 115.112(a)(1).
5. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
  - A. When filling stationary gasoline storage vessels (Stage I) for motor vehicle fuel dispensing facilities specified in 30 TAC Chapter 115, Subchapter C, the permit holder shall comply with the following requirements:
    - (i) Title 30 TAC § 115.221 (relating to Emission Specifications)
    - (ii) Title 30 TAC § 115.222 (relating to Control Requirements)
    - (iii) Title 30 TAC § 115.223 (relating to Alternate Control Requirements)
    - (iv) Title 30 TAC § 115.224 (relating to Inspection Requirements)
    - (v) Title 30 TAC § 115.225 (relating to Testing Requirements)
    - (vi) Title 30 TAC § 115.226 (relating to Recordkeeping Requirements)
6. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter D requirements:
  - A. Title 30 TAC § 115.312(a)(1) (relating to Control Requirements), for emissions during Process Unit Shutdown or Turnaround
  - B. Title 30 TAC § 115.316(a)(2) (relating to Recordkeeping Requirements), for Process Unit Shutdown or Turnaround
7. The permit holder shall comply with the following requirements of 30 TAC Chapter 115, Subchapter F, Division 3, Degassing of Storage Tanks, Transport Vessels and Marine Vessels:
  - A. For degassing of stationary VOC storage tanks, the permit holder shall comply with the following requirements:
    - (i) Title 30 TAC § 115.541(a) - (c) (relating to Emission Specifications)
    - (ii) Title 30 TAC § 115.541(f), (f)(1) - (f)(3) (relating to Emission Specifications), for floating roof storage tanks
    - (iii) Title 30 TAC § 115.542(a) and (a)(1), (a)(2), (a)(3) or (a)(4) (relating to Control Requirements). Where the requirements of 30 TAC Chapter 115, Subchapter F contain multiple compliance options, the permit holder shall keep records of when each compliance option was used.
    - (iv) Title 30 TAC § 115.542(b) - (d), (relating to Control Requirements)
    - (v) Title 30 TAC § 115.543 (relating to Alternate Control Requirements)
    - (vi) Title 30 TAC § 115.544(a)(1) and (a)(2) (relating to Inspection, Monitoring, and Testing Requirements), for inspections
    - (vii) Title 30 TAC § 115.544(b) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring



- (viii) Title 30 TAC § 115.544(b)(1) and (b)(2) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring of control devices
- (ix) Title 30 TAC § 115.544(b)(2)(A) - (J) (relating to Inspection, Monitoring, and Testing Requirements), for monitoring (as appropriate to the control device)
- (x) Title 30 TAC § 115.544(b)(3), (b)(3)(A) - (B), (b)(4), (b)(4)(A), (b)(4)(A)(i) - (iii), (b)(4)(B), (b)(5), and (b)(6) (relating to Inspection, Monitoring, and Testing Requirements), for VOC concentration or lower explosive limit threshold monitoring
- (xi) Title 30 TAC § 115.544(c), and (c)(1) - (c)(3) (relating to Inspection, Monitoring, and Testing Requirements), for testing of control devices used to comply with 30 TAC § 115.542(a)(1)
- (xii) Title 30 TAC § 115.545(1) - (3), (3)(A) - (B), (4) - (7), (9), (11) and (13) - (15) (relating to Approved Test Methods)
- (xiii) Title 30 TAC § 115.546(a), (a)(1), (a)(1)(A) - (E) and (a)(3) (relating to Recordkeeping and Notification Requirements), for recordkeeping
- (xiv) Title 30 TAC § 115.546(a)(2), (a)(2)(A) - (J), and (a)(5) (relating to Recordkeeping and Notification Requirements), for recordkeeping (as appropriate to the control device)
- (xv) Title 30 TAC § 115.546(a)(4) (relating to Recordkeeping and Notification Requirements), for recordkeeping of testing of control devices used to comply with 30 TAC § 115.542(a)(1)
- (xvi) Title 30 TAC § 115.547(1) and (4) (relating to Exemptions)

8. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

- A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
- B. Title 40 CFR § 60.8 (relating to Performance Tests)
- C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
- D. Title 40 CFR § 60.12 (relating to Circumvention)
- E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
- F. Title 40 CFR § 60.14 (relating to Modification)
- G. Title 40 CFR § 60.15 (relating to Reconstruction)
- H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)

9. For petroleum refinery facilities subject to 40 CFR Part 60, Subpart QQQ, the permit holder shall comply with the following requirements:

- A. Title 40 CFR § 60.692-1(a) - (c) (relating to Standards: General)

- B. Title 40 CFR § 60.692-2(a) - (c), (e) (relating to Standards: Individual Drain Systems)
  - C. Title 40 CFR § 60.692-2(d) (relating to Standards: Individual Drain Systems)
  - D. Title 40 CFR § 60.692-6(a) - (b) (relating to Standards: Delay of Repair)
  - E. Title 40 CFR § 60.692-7(a) - (b) (relating to Standards: Delay of Compliance)
  - F. Title 40 CFR § 60.697(a), (b)(1) - (3) (relating to Recordkeeping Requirements), as applicable to Individual Drain Systems
  - G. Title 40 CFR § 60.697(e), (f)(1) - (2), (g) (relating to Recordkeeping Requirements), as applicable to Individual Drain Systems
  - H. Title 40 CFR § 60.697(h) (relating to Recordkeeping Requirements), as applicable to excluded Stormwater Sewer Systems
  - I. Title 40 CFR § 60.697(i) (relating to Recordkeeping Requirements), as applicable to excluded Ancillary Equipment
  - J. Title 40 CFR § 60.697(j) (relating to Recordkeeping Requirements), as applicable to excluded Non-contact Cooling Water Systems
  - K. Title 40 CFR § 60.698(a), and (b)(1) (relating to Reporting Requirements), as applicable to Individual Drain Systems
  - L. Title 40 CFR § 60.698(c) (relating to Reporting Requirements), for water seal breaches in Drain Systems
  - M. Title 40 CFR § 60.698(e) (relating to Reporting Requirements), as applicable to Individual Drain Systems
10. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 61, unless otherwise stated in the applicable subpart:
- A. Title 40 CFR § 61.05 (relating to Prohibited Activities)
  - B. Title 40 CFR § 61.07 (relating to Application for Approval of Construction or Modification)
  - C. Title 40 CFR § 61.09 (relating to Notification of Start-up)
  - D. Title 40 CFR § 61.10 (relating to Source Reporting and Request Waiver)
  - E. Title 40 CFR § 61.12 (relating to Compliance with Standards and Maintenance Requirements)
  - F. Title 40 CFR § 61.13 (relating to Emissions Tests and Waiver of Emission Tests)
  - G. Title 40 CFR § 61.14 (relating to Monitoring Requirements)
  - H. Title 40 CFR § 61.15 (relating to Modification)
  - I. Title 40 CFR § 61.19 (relating to Circumvention)

11. For facilities where total annual benzene quantity from waste is greater than or equal to 10 megagrams per year and subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.342(c)(1)(i) - (iii) (relating to Standards: General)
  - B. Title 40 CFR § 61.342(c)(2) (relating to Standards: General)
  - C. For exempting waste streams:
    - (i) Title 40 CFR § 61.342(c)(3)(ii)(A) - (C) (relating to Standards: General)
  - D. Title 40 CFR § 61.342(g) (relating to Standards: General)
  - E. Title 40 CFR § 61.350(a) and (b) (relating to Standards: Delay of Repair)
  - F. Title 40 CFR § 61.355(a)(1)(iii), (a)(2), (a)(6), (b), and (c)(1) - (3) (relating to Test Methods, Procedures, and Compliance Provisions)
  - G. Title 40 CFR § 61.355(j) (relating to Test Methods, Procedures, and Compliance Provisions), for calculation procedures
  - H. Title 40 CFR § 61.356(a) (relating to Recordkeeping Requirements)
  - I. Title 40 CFR § 61.356(b), and (b)(1) (relating to Recordkeeping Requirements)
  - J. Title 40 CFR § 61.356(b)(2)(i) - (ii) (relating to Recordkeeping Requirements)
  - K. Title 40 CFR § 61.356(b)(5) (relating to Recordkeeping Requirements)
  - L. Title 40 CFR § 61.357(a), (d)(1), (d)(2) (d)(6) and (d)(8) (relating to Reporting Requirements)
  - M. Title 40 CFR § 61.357(d)(3) (relating to Reporting Requirements)
  - N. Waste generated by remediation activities at these facilities are subject to the requirements identified under 40 CFR § 61.342 for treatment and management of waste
12. For facilities with containers subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.345(a)(1) - (3), (b), and (c) (relating to Standards: Containers)
  - B. Title 40 CFR § 61.355(h) (relating to Test Methods, Procedures and Compliance Provisions)
  - C. Title 40 CFR § 61.356(g) (relating to Recordkeeping Requirements)
  - D. Title 40 CFR § 61.356(h) (relating to Recordkeeping Requirements)
13. For facilities with individual drain systems subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.346(b)(1), (2), (2)(i), (3), (4)(i) - (iv), and (5) (relating to Standards: Individual Drain Systems)

- B. Title 40 CFR § 61.346(b)(2)(ii)(A) (relating to Standards: Individual Drain Systems), for junction boxes
14. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
15. For the operations pertaining to the loading and unloading of marine tank vessels specified in 40 CFR Part 63, Subpart Y, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.300 incorporated by reference):
- A. Title 40 CFR § 63.560(c) (relating to Designation of Affected Source), for applicability of the General Provisions of Subpart A
  - B. Title 40 CFR § 63.563(a)(4) (relating to Compliance and Performance Testing), for vapor tightness requirements of the marine vessels
  - C. Title 40 CFR § 63.564(a)(1) (relating to Monitoring Requirements)
  - D. Title 40 CFR § 63.565(a) (relating to Test Methods and Procedures), for performance testing requirements
  - E. Title 40 CFR § 63.566 (relating to Construction and Reconstruction)
  - F. Title 40 CFR § 63.567(a), [G](a)(1), (b), [G](b)(2), [G](b)(4), (b)(5)(ii), (h) - (i), (m), [G](n) (relating to Reporting and Recordkeeping Requirements)
16. For sources subject to emission standards in 40 CFR Part 63, Subpart CC, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.340 incorporated by reference):
- A. Title 40 CFR § 63.640(l)(3) - (4) (relating to Applicability and Designation of Affected Source), for units and equipment added to an existing source
  - B. Title 40 CFR § 63.640(m)(1) - (2) (relating to Applicability and Designation of Affected Source), for units and emission points changing from Group 2 to Group 1 status
  - C. Title 40 CFR § 63.642(c) (relating to General Standards), for applicability of the General Provisions of Subpart A
  - D. Title 40 CFR § 63.642(e) (relating to General Standards), for recordkeeping
  - E. Title 40 CFR § 63.642(f) (relating to General Standards), for reporting
  - F. Group 1 process wastewater streams not managed in a wastewater management unit subject to 40 CFR Part 63, Subpart G shall comply with 40 CFR Part 61, Subpart FF as specified in 40 CFR §§ 63.647(a) - (c) and 63.655(a)
  - G. Title 40 CFR § 63.640(a), (a)(1) - (2) (relating to Applicability and Designation of Affected Source)
  - H. Title 40 CFR § 63.640(j), (j)(1) - (2) (relating to New Source Requirements)
  - I. Title 40 CFR § 63.640(l), (l)(1) - (4) (relating to Existing Source Requirements)

- J. Title 40 CFR § 63.640(m), (m)(1) - (3) (relating to Compliance Schedule)
  - K. Title 40 CFR § 63.642(a) – (c), (n) (relating to General Standards)
  - L. Title 40 CFR § 63.642(h) and (j) (relating to New Source Requirements)
  - M. Title 40 CFR § 63.642(i), (k), (k)(1) - (2) (relating to Existing Source Requirements)
  - N. Title 40 CFR § 63.642(d)(1) - (4) (relating to Testing)
  - O. Title 40 CFR § 63.642(e) and (f) (relating to Recordkeeping and Reporting)
  - P. Title 40 CFR § 63.655(d)(1) - (6), (e)(1) - (3), (f)(1) - (6), (g)(1) - (14), (h)(1) - (9), and (i)(1) - (9), (11) - (12) (relating to Recordkeeping and Reporting)
17. The permit holder shall comply with the periodic monitoring requirements as specified in the attached “Periodic Monitoring Summary” upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the “Periodic Monitoring Summary,” for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

#### **New Source Review Authorization Requirements**

18. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
- A. Are incorporated by reference into this permit as applicable requirements
  - B. Shall be located with this operating permit
  - C. Are not eligible for a permit shield
19. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
20. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit’s compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and

available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

21. The permit holder shall comply with the following requirements for Air Quality Standard Permits:
  - A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit
  - B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit
  - C. Applicable requirements of 30 TAC § 116.617 for Pollution Control Projects based on the information contained in the registration application.
  - D. Requirements of the non-rule Air Quality Standard Permit for Pollution Control Projects
22. The permit holder shall comply with the following requirements for flexible permits of 30 TAC Chapter 116:
  - A. Title 30 TAC § 116.715 (relating to General and Special Conditions)
  - B. Title 30 TAC § 116.716 (relating to Emission Caps and Individual Emission Limitations)
  - C. Title 30 TAC § 116.717 (relating to Implementation Schedule for Additional Controls)
  - D. Title 30 TAC § 116.718 (relating to Significant Emission Increase)
  - E. Title 30 TAC § 116.720 (relating to Limitation on Physical and Operational Changes)
  - F. Title 30 TAC § 116.721(a) (relating to requirements for Amendments and Alterations)

### **Compliance Requirements**

23. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
24. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:
  - A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:
    - (i) For sources in the Beaumont-Port Arthur Nonattainment area, 30 TAC § 117.9000
  - B. The permit holder shall comply with the Initial Control Plan unit listing requirement in 30 TAC § 117.150(c) and (c)(1).
25. Use of Emission Credits to comply with applicable requirements:

- A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
    - (i) Title 30 TAC Chapter 115
    - (ii) Title 30 TAC Chapter 117
    - (iii) Offsets for Title 30 TAC Chapter 116
  - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
    - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
    - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
    - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
    - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
26. Use of Discrete Emission Credits to comply with the applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
    - (i) Title 30 TAC Chapter 115
    - (ii) Title 30 TAC Chapter 117
    - (iii) If applicable, offsets for Title 30 TAC Chapter 116
    - (iv) Temporarily exceed state NSR permit allowables
  - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
    - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
    - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
    - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
    - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

## **Risk Management Plan**

27. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

## **Protection of Stratospheric Ozone**

28. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
- A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.
  - B. Any on site servicing, maintenance, and repair of fleet vehicle air conditioning using ozone-depleting refrigerants shall be conducted in accordance with 40 CFR Part 82, Subpart B. Permit holders shall ensure that repairs or refrigerant removal are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart B.

## **Permit Location**

29. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

## **Permit Shield (30 TAC § 122.148)**

30. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

## **Acid Rain Permit Requirements**

31. For units 61TRB#001, 61TRB#002, and 61TRB#003 (identified in the Certificate of Representation as units 61STK1, 61STK2, and 61STK3), located at the affected source identified by ORIS/Facility code 50625, the designated representative and the owner or operator, as applicable, shall comply with the following Acid Rain Permit requirements.
- A. General Requirements



- (i) Under 30 TAC § 122.12(1) and 40 CFR Part 72, the Acid Rain Permit requirements contained here are a separable portion of the Federal Operating Permit (FOP) and have an independent public comment process which may be separate from, or combined with the FOP.
- (ii) The owner and operator shall comply with the requirements of 40 CFR Part 72 and 40 CFR Part 76. Any noncompliance with the Acid Rain Permit will be considered noncompliance with the FOP and may be subject to enforcement action.
- (iii) The owners and operators of the affected source shall operate the source and the unit in compliance with the requirements of this Acid Rain Permit and all other applicable State and federal requirements.
- (iv) The owners and operators of the affected source shall comply with the General Terms and Conditions of the FOP that incorporates this Acid Rain Permit.
- (v) The term for the Acid Rain permit shall commence with the issuance of the FOP that incorporates the Acid Rain permit and shall be run concurrent with the remainder of the term of the FOP. Renewal of the Acid Rain permit shall coincide with the renewal of the FOP that incorporates the Acid Rain permit and subsequent terms shall be no more than five years from the date of renewal of the FOP and run concurrent with the permit term of the FOP.

**B. Monitoring Requirements**

- (i) The owners and operators, and the designated representative, of the affected source and each affected unit at the source shall comply with the monitoring requirements contained in 40 CFR Part 75.
- (ii) The emissions measurements recorded and reported in accordance with 40 CFR Part 75 and any other credible evidence shall be used to determine compliance by the affected source with the acid rain emissions limitations and emissions reduction requirements for SO<sub>2</sub> and NO<sub>x</sub> under the ARP.
- (iii) The requirements of 40 CFR Part 75 shall not affect the responsibility of the owners and operators to monitor emission of other pollutants or other emissions characteristics at the unit under other applicable requirements of the FCAA Amendments (42 U.S.C. 7401, as amended November 15, 1990) and other terms and conditions of the operating permit for the source.

**C. SO<sub>2</sub> emissions requirements**

- (i) The owners and operators of each source and each affected unit at the source shall comply with the applicable acid rain emissions limitations for SO<sub>2</sub>.
- (ii) As of the allowance transfer deadline the owners and operators of the affected source and each affected unit at the source shall hold, in the unit's compliance subaccount, allowances in an amount not less than the total annual emissions of SO<sub>2</sub> for the previous calendar year.
- (iii) Each ton of SO<sub>2</sub> emitted in excess of the acid rain emissions limitations for SO<sub>2</sub> shall constitute a separate violation of the FCAA amendments.

- (iv) An affected unit shall be subject to the requirements under (i) and (ii) of the SO<sub>2</sub> emissions requirements as follows:
  - (1) Starting January 1, 2000, an affected unit under 40 CFR § 72.6(a)(2); or
  - (2) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR Part 75, an affected unit under 40 CFR § 72.6(a)(3).
- (v) Allowances shall be held in, deducted from, or transferred into or among Allowance Tracking System accounts in accordance with the requirements of the ARP.
- (vi) An allowance shall not be deducted, for compliance with the requirements of this permit, in a calendar year before the year for which the allowance was allocated.
- (vii) An allowance allocated by the EPA Administrator or under the ARP is a limited authorization to emit SO<sub>2</sub> in accordance with the ARP. No provision of the ARP, Acid Rain permit application, this Acid Rain Permit, or an exemption under 40 CFR §§ 72.7 or 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (viii) An allowance allocated by the EPA Administrator under the ARP does not constitute a property right.

D. NO<sub>x</sub> Emission Requirements

- (i) The owners and operators of the source and each affected unit at the source shall comply with the applicable acid rain emissions limitations for NO<sub>x</sub> under 40 CFR Part 76.

E. Excess emissions requirements for SO<sub>2</sub> and NO<sub>x</sub>.

- (i) The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR Part 77.
- (ii) If an affected source has excess emissions in any calendar year shall, as required by 40 CFR Part 77:
  - (1) Pay, without demand, the penalty required and pay, upon demand, the interest on that penalty.
  - (2) Comply with the terms of an approved offset plan.

F. Recordkeeping and Reporting Requirements

- (i) Unless otherwise provided, the owners and operators of the affected source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the permitting authority or the EPA Administrator.
  - (1) The certificate of representation for the designated representative for the source and each affected unit and all documents that demonstrate the

truth of the statements in the certificate of representation, in accordance with 40 CFR § 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.

- (2) All emissions monitoring information, in accordance with 40 CFR Part 75, provided that to the extent that 40 CFR Part 75 provides for a 3-year period for recordkeeping (rather than a five-year period cited in 30 TAC § 122.144), the 3-year period shall apply.
  - (3) Copies of all reports, compliance certifications, and other submissions and all records made or required under the ARP or relied upon for compliance certification.
  - (4) Copies of all documents used to complete an acid rain permit application and any other submission under the ARP or to demonstrate compliance with the requirements of the ARP.
- (ii) The designated representative of an affected source and each affected unit at the source shall submit the reports required under the ARP including those under 40 CFR Part 72, Subpart I and 40 CFR Part 75.

G. Liability

- (i) Any person who knowingly violates any requirement or prohibition of the ARP, a complete acid rain permit application, an acid rain permit, or a written exemption under 40 CFR §§ 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to FCAA § 113(c).
- (ii) Any person who knowingly makes a false, material statement in any record, submission, or report under the ARP shall be subject to criminal enforcement pursuant to FCAA § 113(c) and 18 U.S.C. 1001.
- (iii) No permit revision shall excuse any violation of the requirements of the ARP that occurs prior to the date that the revision takes effect.
- (iv) The affected source and each affected unit shall meet the requirements of the ARP contained in 40 CFR Parts 72 through 78.
- (v) Any provision of the ARP that applies to an affected source or the designated representative of an affected source shall also apply to the owners and operators of such source and of the affected units at the source.
- (vi) Any provision of the ARP that applies to an affected unit (including a provision applicable to the DR of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR § 72.44 (Phase II repowering extension plans) and 40 CFR § 76.11 (NO<sub>x</sub> averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR Part 75 (including 40 CFR §§ 75.16, 75.17, and 75.18), the owners and operators and the DR of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the DR and that is located at a source of which they are not owners or operators or the DR.

- (vii) Each violation of a provision of 40 CFR Parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or DR of such source or unit, shall be a separate violation of the FCAA Amendments.
- H. Effect on other authorities. No provision of the ARP, an acid rain permit application, an acid rain permit, or an exemption under 40 CFR §§ 72.7 or 72.8 shall be construed as:
- (i) Except as expressly provided in Title IV of the FCAA Amendments, exempting or excluding the owners and operators and, to the extent applicable, the DR of an affected source or affected unit from compliance with any other provision of the FCAA Amendments, including the provisions of Title I of the FCAA Amendments relating to applicable National Ambient Air Quality Standards or State Implementation Plans.
  - (ii) Limiting the number of allowances a unit can hold; provided, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the FCAA Amendments.
  - (iii) Requiring a change of any kind in any state law regulating electric utility rates and charges, affecting any state law regarding such state regulation, or limiting such state regulation, including any prudence review requirements under such state law.
  - (iv) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
  - (v) Interfering with or impairing any program for competitive bidding for power supply in a state in which such program is established.
- I. The number of SO<sub>2</sub> allowances allocated by the EPA in 40 CFR Part 73 is enforceable only by the EPA Administrator.

#### **Cross-State Air Pollution Rule (CSAPR) Trading Program Requirements**

32. For units 61TRB#001, 61TRB#002, and 61TRB#003 (identified in the Certificate of Representation as units 61STK1, 61STK2, and 61STK3), located at the site identified by Plant code/ORIS/Facility code 50625, the designated representative and the owner or operator, as applicable, shall comply with the following CSAPR requirements.
- A. General Requirements
    - (i) The owners and operators of the CSAPR NO<sub>x</sub> Ozone Season Group 2 source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall operate the source and the unit in compliance with the requirements of the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program and all other applicable State and federal requirements.
    - (ii) The owners and operators of the CSAPR NO<sub>x</sub> Ozone Season Group 2 source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall comply with the requirements of 40 CFR Part 97, Subpart EEEEE for CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program, and with the General Terms and Conditions of the Federal Operating Permit (FOP) that incorporates the CSAPR requirements.
  - B. Description of CSAPR Monitoring Provisions

- (i) The CSAPR subject unit(s), and the unit-specific monitoring provisions at this source, are identified in the following paragraph(s). These unit(s) are subject to the requirements for the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program.
  - (1) For units 61TRB#001, 61TRB#002, and 61TRB#003, the owners and operators shall comply with the continuous emission monitoring system or systems (CEMS) requirements pursuant to 40 CFR Part 75, Subpart H for NO<sub>x</sub>, and with the excepted monitoring system requirements for gas- and oil-fired units pursuant to 40 CFR Part 75, Appendix D for heat input.
- (ii) The above description of the monitoring used by a unit does not change, create an exemption from, or otherwise affect the monitoring, recordkeeping, and reporting requirements applicable to the unit under 40 CFR §§ 97.830 through 97.835 (CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program). The monitoring, recordkeeping and reporting requirements applicable to each unit are included below in the standard conditions for the applicable CSAPR trading program.
- (iii) Owners and operators must submit to the Administrator a monitoring plan for each unit in accordance with 40 CFR §§ 75.53, 75.62 and 75.73, as applicable. The monitoring plan for each unit is available at the EPA's website at <https://www.epa.gov/airmarkets/clean-air-markets-monitoring-plans-part-75-sources>.
- (iv) Owners and operators that want to use an alternative monitoring system must submit to the Administrator a petition requesting approval of the alternative monitoring system in accordance with 40 CFR Part 75, Subpart E and 40 CFR § 75.66 and § 97.835 (CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program). The Administrator's response approving or disapproving any petition for an alternative monitoring system is available on the EPA's website at <https://www.epa.gov/airmarkets/part-75-petition-responses>.
- (v) Owners and operators that want to use an alternative to any monitoring, recordkeeping, or reporting requirement under 40 CFR §§ 97.830 through 97.834 (CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program) must submit to the Administrator a petition requesting approval of the alternative in accordance with 40 CFR § 75.66 and § 97.835 (CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program). The Administrator's response approving or disapproving any petition for an alternative to a monitoring, recordkeeping, or reporting requirement is available on the EPA's website at <https://www.epa.gov/airmarkets/part-75-petition-responses>.
- (vi) The descriptions of monitoring applicable to the unit(s) included above meet the requirement of 40 CFR §§ 97.830 through 97.834 (CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program), and therefore procedures for minor permit revisions, in accordance with 30 TAC § 122.217, may be used to add or change this unit's monitoring system description.

33. CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program Requirements (40 CFR § 97.806)

A. Designated representative requirements

- (i) The owners and operators shall comply with the requirement to have a designated representative, and may have an alternate designated representative, in accordance with 40 CFR §§ 97.813 through 97.818.

B. Emissions monitoring, reporting, and recordkeeping requirements

- (i) The owners and operators, and the designated representative, of each CSAPR NO<sub>x</sub> Ozone Season Group 2 source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR § 97.830 (general requirements, including installation, certification, and data accounting, compliance deadlines, reporting data, prohibitions, and long-term cold storage), § 97.831 (initial monitoring system certification and recertification procedures), § 97.832 (monitoring system out-of-control periods), § 97.833 (notifications concerning monitoring), § 97.834 (recordkeeping and reporting, including monitoring plans, certification applications, quarterly reports, and compliance certification), and § 97.835 (petitions for alternatives to monitoring, recordkeeping, or reporting requirements).
- (ii) The emissions data determined in accordance with 40 CFR § 97.830 through § 97.835 and any other credible evidence shall be used to calculate allocations of CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances under 40 CFR §§ 97.811(a)(2) and (b) and § 97.812 and to determine compliance with the CSAPR NO<sub>x</sub> Ozone Season Group 2 emissions limitation and assurance provisions under paragraph C. below, provided that, for each monitoring location from which mass emissions are reported, the mass emissions amount used in calculating such allocations and determining such compliance shall be the mass emissions amount for the monitoring location determined in accordance with 40 CFR §§ 97.830 through 97.835 and rounded to the nearest ton, with any fraction of a ton less than 0.50 being deemed to be zero.

C. NO<sub>x</sub> emissions requirements

- (i) CSAPR NO<sub>x</sub> Ozone Season Group 2 emissions limitation
  - (1) As of the allowance transfer deadline for a control period in a given year, the owners and operators of each CSAPR NO<sub>x</sub> Ozone Season Group 2 source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall hold, in the source's compliance account, CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances available for deduction for such control period under 40 CFR § 97.824(a) in an amount not less than the tons of total NO<sub>x</sub> emissions for such control period from all CSAPR NO<sub>x</sub> Ozone Season Group 2 units at the source.
  - (2) If total NO<sub>x</sub> emissions during a control period in a given year from the CSAPR NO<sub>x</sub> Ozone Season Group 2 units at a CSAPR NO<sub>x</sub> Ozone Season Group 2 source are in excess of the CSAPR NO<sub>x</sub> Ozone Season Group 2 emissions limitation set forth in paragraph C.(i)(1) above, then:
    - (a) The owners and operators of the source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall hold the CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances required for deduction under 40 CFR § 97.824(d); and
    - (b) The owners and operators of the source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act, and each ton of such excess emissions and each day of such control

period shall constitute a separate violation of 40 CFR Part 97, Subpart EEEEE and the Clean Air Act.

(ii) CSAPR NO<sub>x</sub> Ozone Season Group 2 assurance provisions

- (1) If total NO<sub>x</sub> emissions during a control period in a given year from all CSAPR NO<sub>x</sub> Ozone Season Group 2 units at CSAPR NO<sub>x</sub> Ozone Season Group 2 sources in the state exceed the state assurance level, then the owners and operators of such sources and units in each group of one or more sources and units having a common designated representative for such control period, where the common designated representative's share of such NO<sub>x</sub> emissions during such control period exceeds the common designated representative's assurance level for the state and such control period, shall hold (in the assurance account established for the owners and operators of such group) CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances available for deduction for such control period under 40 CFR § 97.825(a) in an amount equal to two times the product (rounded to the nearest whole number), as determined by the Administrator in accordance with 40 CFR § 97.825(b), of multiplying -
  - (a) The quotient of the amount by which the common designated representative's share of such NO<sub>x</sub> emissions exceeds the common designated representative's assurance level divided by the sum of the amounts, determined for all common designated representatives for such sources and units in the state for such control period, by which each common designated representative's share of such NO<sub>x</sub> emissions exceeds the respective common designated representative's assurance level; and
  - (b) The amount by which total NO<sub>x</sub> emissions from all CSAPR NO<sub>x</sub> Ozone Season Group 2 units at CSAPR NO<sub>x</sub> Ozone Season Group 2 sources in the state for such control period exceed the state assurance level.
- (2) The owners and operators shall hold the CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances required under paragraph C.(ii)(1) above, as of midnight of November 1 (if it is a business day), or midnight of the first business day thereafter (if November 1 is not a business day), immediately after such control period.
- (3) Total NO<sub>x</sub> emissions from all CSAPR NO<sub>x</sub> Ozone Season Group 2 units at CSAPR NO<sub>x</sub> Ozone Season Group 2 sources in the state during a control period in a given year exceed the state assurance level if such total NO<sub>x</sub> emissions exceed the sum, for such control period, of the state NO<sub>x</sub> Ozone Season Group 2 trading budget under 40 CFR § 97.810(a) and the state's variability limit under 40 CFR § 97.810(b).
- (4) It shall not be a violation of 40 CFR Part 97, Subpart EEEEE or of the Clean Air Act if total NO<sub>x</sub> emissions from all CSAPR NO<sub>x</sub> Ozone Season Group 2 units at CSAPR NO<sub>x</sub> Ozone Season Group 2 sources in the state during a control period exceed the state assurance level or if a common designated representative's share of total NO<sub>x</sub> emissions from the CSAPR NO<sub>x</sub> Ozone Season Group 2 units at CSAPR NO<sub>x</sub> Ozone

Season Group 2 sources in the state during a control period exceeds the common designated representative's assurance level.

- (5) To the extent the owners and operators fail to hold CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances for a control period in a given year in accordance with paragraphs C.(ii)(1) through (3) above,
  - (a) The owners and operators shall pay any fine, penalty, or assessment or comply with any other remedy imposed under the Clean Air Act; and
  - (b) Each CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance that the owners and operators fail to hold for such control period in accordance with paragraphs C.(ii)(1) through (3) above and each day of such control period shall constitute a separate violation of 40 CFR Part 97, Subpart EEEEE and the Clean Air Act.
- (iii) Compliance periods
  - (1) A CSAPR NO<sub>x</sub> Ozone Season Group 2 unit shall be subject to the requirements under paragraph C.(i) above for the control period starting on the later of May 1, 2017 or the deadline for meeting the unit's monitor certification requirements under 40 CFR § 97.830(b) and for each control period thereafter.
  - (2) A CSAPR NO<sub>x</sub> Ozone Season Group 2 unit shall be subject to the requirements under paragraph C.(ii) above for the control period starting on the later of May 1, 2017 or the deadline for meeting the unit's monitor certification requirements under 40 CFR § 97.830(b) and for each control period thereafter.
- (iv) Vintage of allowances held for compliance
  - (1) A CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance held for compliance with the requirements under paragraph C.(i)(1) above for a control period in a given year must be a CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance that was allocated for such control period or a control period in a prior year.
  - (2) A CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance held for compliance with the requirements under paragraphs C.(i)(2)(a) and (ii)(1) through (3) above for a control period in a given year must be a CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance that was allocated for a control period in a prior year or the control period in the given year or in the immediately following year.
- (v) Allowance Management System requirements. Each CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance shall be held in, deducted from, or transferred into, out of, or between Allowance Management System accounts in accordance with 40 CFR Part 97, Subpart EEEEE.
- (vi) Limited authorization. A CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance is a limited authorization to emit one ton of NO<sub>x</sub> during the control period in one year. Such authorization is limited in its use and duration as follows:



- (1) Such authorization shall only be used in accordance with the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program; and
  - (2) Notwithstanding any other provision of 40 CFR Part 97, Subpart EEEEE, the Administrator has the authority to terminate or limit the use and duration of such authorization to the extent the Administrator determines is necessary or appropriate to implement any provision of the Clean Air Act.
- (vii) Property right. A CSAPR NO<sub>x</sub> Ozone Season Group 2 allowance does not constitute a property right.

D. FOP revision requirements

- (i) No FOP revision shall be required for any allocation, holding, deduction, or transfer of CSAPR NO<sub>x</sub> Ozone Season Group 2 allowances in accordance with 40 CFR Part 97, Subpart EEEEE.
- (ii) This FOP incorporates the CSAPR emissions monitoring, recordkeeping and reporting requirements pursuant to 40 CFR §§ 97.830 through 97.835, and the requirements for a continuous emission monitoring system (pursuant to 40 CFR Part 75, subpart H), an excepted monitoring system (pursuant to 40 CFR Part 75, appendices D and E), a low mass emissions excepted monitoring methodology (pursuant to 40 CFR § 75.19), and an alternative monitoring system (pursuant to 40 CFR Part 75, subpart E). Therefore the Description of CSAPR Monitoring Provisions for CSAPR subject unit(s) may be added to, or changed, in this FOP using procedures for minor permit revisions in accordance with 30 TAC § 122.217.

E. Additional recordkeeping and reporting requirements

- (i) Unless otherwise provided, the owners and operators of each CSAPR NO<sub>x</sub> Ozone Season Group 2 source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall keep on site at the source each of the following documents (in hardcopy or electronic format) for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Administrator.
  - (1) The certificate of representation under 40 CFR § 97.816 for the designated representative for the source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such certificate of representation and documents are superseded because of the submission of a new certificate of representation under 40 CFR § 97.816 changing the designated representative.
  - (2) All emissions monitoring information, in accordance with 40 CFR Part 97, Subpart EEEEE.
  - (3) Copies of all reports, compliance certifications, and other submissions and all records made or required under, or to demonstrate compliance with the requirements of, the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program.

- (ii) The designated representative of a CSAPR NO<sub>x</sub> Ozone Season Group 2 source and each CSAPR NO<sub>x</sub> Ozone Season Group 2 unit at the source shall make all submissions required under the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program, except as provided in 40 CFR § 97.818. This requirement does not change, create an exemption from, or otherwise affect the responsible official submission requirements under 30 TAC § 122.165.

F. Liability

- (i) Any provision of the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program that applies to a CSAPR NO<sub>x</sub> Ozone Season Group 2 source or the designated representative of a CSAPR NO<sub>x</sub> Ozone Season Group 2 source shall also apply to the owners and operators of such source and of the CSAPR NO<sub>x</sub> Ozone Season Group 2 units at the source.
- (ii) Any provision of the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program that applies to a CSAPR NO<sub>x</sub> Ozone Season Group 2 unit or the designated representative of a CSAPR NO<sub>x</sub> Ozone Season Group 2 unit shall also apply to the owners and operators of such unit.

G. Effect on other authorities

- (i) No provision of the CSAPR NO<sub>x</sub> Ozone Season Group 2 Trading Program or exemption under 40 CFR § 97.805 shall be construed as exempting or excluding the owners and operators, and the designated representative, of a CSAPR NO<sub>x</sub> Ozone Season Group 2 source or CSAPR NO<sub>x</sub> Ozone Season Group 2 unit from compliance with any other provision of the applicable, approved state implementation plan, a federally enforceable permit, or the Clean Air Act.

## **Attachments**

**Applicable Requirements Summary**

**Additional Monitoring Requirements**

**Permit Shield**

**New Source Review Authorization References**

### **Applicable Requirements Summary**

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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (§ 122.144), Reporting Terms and Conditions (§ 122.145), and Compliance Certification Terms and Conditions (§ 122.146) continue to apply.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
01BLW#006	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
02BLW#007	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
02CTL#017	Industrial Cooling Towers	N/A	63CC-HES1	40 CFR Part 63, Subpart CC	No changing attributes.
02ENG#001	SRIC Engines	N/A	60IIII-1	40 CFR Part 60, Subpart IIII	No changing attributes.
02ENG#001	SRIC Engines	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
02TFX#4191	Storage Tanks/Vessels	N/A	R5112-60	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
02TFX#4191	Storage Tanks/Vessels	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
02TFX#4192	Storage Tanks/Vessels	N/A	R5112-61	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
02TFX#4192	Storage Tanks/Vessels	N/A	63CC-4	40 CFR Part 63, Subpart CC	No changing attributes.
02TFX#4193	Storage Tanks/Vessels	N/A	R5112-62	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
02TFX#4194	Storage Tanks/Vessels	N/A	R5112-63	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
03BLW#007	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
04BLW#004	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
04CTL#016	Industrial Cooling Towers	N/A	63CC-HES1	40 CFR Part 63, Subpart CC	No changing attributes.
04HTR#001	Process Heaters/Furnaces	N/A	R7ICI-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
04HTR#001	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD1	40 CFR Part 60, Subpart J	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
04HTR#001	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
04HTR#002	Process Heaters/Furnaces	N/A	R7ICI-2	30 TAC Chapter 117, Subchapter B	No changing attributes.
04HTR#002	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD2	40 CFR Part 60, Subpart J	No changing attributes.
04HTR#002	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
04HTR#003	Process Heaters/Furnaces	N/A	R7ICI-3	30 TAC Chapter 117, Subchapter B	No changing attributes.
04HTR#003	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD3	40 CFR Part 60, Subpart J	No changing attributes.
04HTR#003	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
04HTR#004	Process Heaters/Furnaces	N/A	R7ICI-4	30 TAC Chapter 117, Subchapter B	No changing attributes.
04HTR#004	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-1	40 CFR Part 60, Subpart J	No changing attributes.
04HTR#004	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
04TFX#0425	Storage Tanks/Vessels	N/A	R5112-64	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
04TFX#0425	Storage Tanks/Vessels	N/A	60K-1	40 CFR Part 60, Subpart K	No changing attributes.
04TFX#0426	Storage Tanks/Vessels	N/A	R5112-65	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
04TFX#0426	Storage Tanks/Vessels	N/A	60K-2	40 CFR Part 60, Subpart K	No changing attributes.
04TFX#100	Storage Tanks/Vessels	N/A	R5112-261	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
04TFX#1341	Storage Tanks/Vessels	N/A	R5112-66	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
04TFX#1341	Storage Tanks/Vessels	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
04TFX#4024	Storage Tanks/Vessels	N/A	R5112-68	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
04TFX#4024	Storage Tanks/Vessels	N/A	63CC-4	40 CFR Part 63, Subpart CC	No changing attributes.
04TFX#4025	Storage Tanks/Vessels	N/A	63CC-5	40 CFR Part 63, Subpart CC	No changing attributes.
04TFX#4026	Storage Tanks/Vessels	N/A	R5112-70	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
04TFX#4026	Storage Tanks/Vessels	N/A	60Kb-1	40 CFR Part 60, Subpart Kb	No changing attributes.
04TFX#4026	Storage Tanks/Vessels	N/A	61FF-1	40 CFR Part 61, Subpart FF	No changing attributes.
04TFX#4026	Storage Tanks/Vessels	N/A	63CC-7	40 CFR Part 63, Subpart CC	No changing attributes.
04TFX#4028	Storage Tanks/Vessels	N/A	R5112-71	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
04TFX#4028	Storage Tanks/Vessels	N/A	60Kb-2	40 CFR Part 60, Subpart Kb	No changing attributes.
04TFX#4028	Storage Tanks/Vessels	N/A	61FF-2	40 CFR Part 61, Subpart FF	No changing attributes.
04TFX#4028	Storage Tanks/Vessels	N/A	63CC-8	40 CFR Part 63, Subpart CC	No changing attributes.
04TFX#4029	Storage Tanks/Vessels	N/A	R5112-72	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
04TFX#4029	Storage Tanks/Vessels	N/A	60Kb-3	40 CFR Part 60, Subpart Kb	No changing attributes.
04TFX#4029	Storage Tanks/Vessels	N/A	61FF-3	40 CFR Part 61, Subpart FF	No changing attributes.
04TFX#4029	Storage Tanks/Vessels	N/A	63CC-9	40 CFR Part 63, Subpart CC	No changing attributes.
04TFX#4125	Storage Tanks/Vessels	N/A	R5112-246	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
04TFX#4125	Storage Tanks/Vessels	N/A	63CC-6	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
04TOT#4018	Storage Tanks/Vessels	N/A	R5112-247	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
04TOT#4019	Storage Tanks/Vessels	N/A	R5112-248	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
04TVV#001	Emission Points/Stationary Vents/Process Vents	N/A	63CC-30	40 CFR Part 63, Subpart CC	No changing attributes.
04TVV#002	Emission Points/Stationary Vents/Process Vents	N/A	63CC-30	40 CFR Part 63, Subpart CC	No changing attributes.
04TVV#003	Emission Points/Stationary Vents/Process Vents	N/A	63CC-30	40 CFR Part 63, Subpart CC	No changing attributes.
04TVV#004	Emission Points/Stationary Vents/Process Vents	N/A	63CC-30	40 CFR Part 63, Subpart CC	No changing attributes.
04TVV#005	Emission Points/Stationary Vents/Process Vents	N/A	63CC-30	40 CFR Part 63, Subpart CC	No changing attributes.
04TVV#006	Emission Points/Stationary Vents/Process Vents	N/A	63CC-30	40 CFR Part 63, Subpart CC	No changing attributes.
04TVV#007	Emission Points/Stationary Vents/Process Vents	N/A	63CC-30	40 CFR Part 63, Subpart CC	No changing attributes.
04TVV#008	Emission Points/Stationary Vents/Process Vents	N/A	63CC-30	40 CFR Part 63, Subpart CC	No changing attributes.
04TVV#009	Emission Points/Stationary Vents/Process Vents	N/A	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
04TVV#009	Emission Points/Stationary Vents/Process Vents	N/A	63CC-15	40 CFR Part 63, Subpart CC	No changing attributes.
04TVV#016	Emission Points/Stationary Vents/Process Vents	N/A	63CC-30	40 CFR Part 63, Subpart CC	No changing attributes.
04TVV#022	Emission Points/Stationary Vents/Process Vents	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.



### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
04TVV#022	Emission Points/Stationsary Vents/Process Vents	N/A	63CC-12	40 CFR Part 63, Subpart CC	No changing attributes.
04TVV#030	Emission Points/Stationsary Vents/Process Vents	N/A	63CC-30	40 CFR Part 63, Subpart CC	No changing attributes.
04TVV#042	Emission Points/Stationsary Vents/Process Vents	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
04TVV#042	Emission Points/Stationsary Vents/Process Vents	N/A	63CC-13	40 CFR Part 63, Subpart CC	No changing attributes.
04TVV#044	Emission Points/Stationsary Vents/Process Vents	N/A	63CC-30	40 CFR Part 63, Subpart CC	No changing attributes.
04TVV#702	Emission Points/Stationsary Vents/Process Vents	N/A	63CC-30	40 CFR Part 63, Subpart CC	No changing attributes.
05BLW#003	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
05BLW#005	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
05CTL#026	Industrial Cooling Towers	N/A	63CC-HES1	40 CFR Part 63, Subpart CC	No changing attributes.
05HTR#001	Process Heaters/Furnaces	N/A	117-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
05HTR#001	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-1	40 CFR Part 60, Subpart J	No changing attributes.
05HTR#001	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
05HTR#002	Process Heaters/Furnaces	N/A	117-2	30 TAC Chapter 117, Subchapter B	No changing attributes.
05HTR#002	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-2	40 CFR Part 60, Subpart J	No changing attributes.
05HTR#002	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
05HTR#004	Process Heaters/Furnaces	N/A	117-3	30 TAC Chapter 117, Subchapter B	No changing attributes.
05HTR#004	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-3	40 CFR Part 60, Subpart J	No changing attributes.
05HTR#004	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
05OWS#PDM1	Volatile Organic Compound Water Separators	N/A	115-6	30 TAC Chapter 115, Water Separation	No changing attributes.
05OWS#PDM2	Volatile Organic Compound Water Separators	N/A	115-7	30 TAC Chapter 115, Water Separation	No changing attributes.
05TFX#165C	Storage Tanks/Vessels	N/A	R5112-249	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
05TFX#165C	Storage Tanks/Vessels	N/A	63EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
05TFX#192C	Storage Tanks/Vessels	N/A	R5112-250	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
05TFX#4196	Storage Tanks/Vessels	N/A	R5112-59	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
05TFX#4196	Storage Tanks/Vessels	N/A	63EEEE-5	40 CFR Part 63, Subpart EEEE	No changing attributes.
05TFX#4197	Storage Tanks/Vessels	N/A	R5112-59	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
05TFX#4197	Storage Tanks/Vessels	N/A	63EEEE-1	40 CFR Part 63, Subpart EEEE	No changing attributes.
05TOT#048	Storage Tanks/Vessels	N/A	R5112-258	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
05TOT#048	Storage Tanks/Vessels	N/A	63EEEE-9	40 CFR Part 63, Subpart EEEE	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
06BLR#001	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD4	40 CFR Part 60, Subpart J	No changing attributes.
06BLW#008	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
06CTL#001	Industrial Cooling Towers	N/A	63CC-HES1	40 CFR Part 63, Subpart CC	No changing attributes.
06HTR#002	Process Heaters/Furnaces	N/A	R7ICI-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
06HTR#002	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD5	40 CFR Part 60, Subpart J	No changing attributes.
06HTR#002	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
06REG#001	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-3	40 CFR Part 60, Subpart J	No changing attributes.
06STK_002	Emission Points/Stationary Vents/Process Vents	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
06STK_003	Emission Points/Stationary Vents/Process Vents	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
06TVV_001	Emission Points/Stationary Vents/Process Vents	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
06TVV_001	Emission Points/Stationary Vents/Process Vents	N/A	63CC-9	40 CFR Part 63, Subpart CC	No changing attributes.
06TVV_002	Emission Points/Stationary Vents/Process Vents	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
06TVV_002	Emission Points/Stationary Vents/Process Vents	N/A	63CC-10	40 CFR Part 63, Subpart CC	No changing attributes.
07BLW#008	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
08BLW#007	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
08CTL#013	Industrial Cooling Towers	N/A	63CC-HES1	40 CFR Part 63, Subpart CC	No changing attributes.
08CTL#033	Industrial Process Cooling Towers	N/A	63CC-HES1	40 CFR Part 63, Subpart CC	No changing attributes.
08CTL#021	Industrial Cooling Towers	N/A	63CC-HES1	40 CFR Part 63, Subpart CC	No changing attributes.
08VNT_001	Emission Points/Stationary Vents/Process Vents	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
09BLW#007	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
10BLW#007	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
10VNT_001	Emission Points/Stationary Vents/Process Vents	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
10VNT_001	Emission Points/Stationary Vents/Process Vents	N/A	63CC-20	40 CFR Part 63, Subpart CC	No changing attributes.
11BLW#007	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
11TVV_001	Emission Points/Stationary Vents/Process Vents	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
11TVV_001	Emission Points/Stationary Vents/Process Vents	N/A	63CC-21	40 CFR Part 63, Subpart CC	No changing attributes.
12BLW#007	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
12TVV_001	Emission Points/Stationary Vents/Process Vents	N/A	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
12TVV_001	Emission Points/Stationary Vents/Process Vents	N/A	63CC-22	40 CFR Part 63, Subpart CC	No changing attributes.
13BLW#005	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
14BLW#008	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
15BLW#001	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
15CTL#018	Industrial Cooling Towers	N/A	63CC-HES1	40 CFR Part 63, Subpart CC	No changing attributes.
15ENG#003	SRIC Engines	N/A	60III-4	40 CFR Part 60, Subpart IIII	No changing attributes.
15ENG#003	SRIC Engines	N/A	63ZZZZ-2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
15HTR#001	Process Heaters/Furnaces	N/A	R7ICI-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
15HTR#001	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD7	40 CFR Part 60, Subpart J	No changing attributes.
15HTR#001	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
16BLR#002	Process Heaters/Furnaces	N/A	R7ICI-2	30 TAC Chapter 117, Subchapter B	No changing attributes.
16BLR#002	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD1	40 CFR Part 60, Subpart J	No changing attributes.
16BLR#002	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
16BLW#002	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
16HTR#001	Process Heaters/Furnaces	N/A	R7ICI-3	30 TAC Chapter 117, Subchapter B	No changing attributes.
16HTR#001	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD1	40 CFR Part 60, Subpart J	No changing attributes.
16HTR#001	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
16TFX#3121	Storage Tanks/Vessels	N/A	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.
16VNT_001	Emission Points/Stationary Vents/Process Vents	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
16VNT_001	Emission Points/Stationary Vents/Process Vents	N/A	63CC-21	40 CFR Part 63, Subpart CC	No changing attributes.
17BLW#002	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
17TFX#4007	Storage Tanks/Vessels	N/A	R5112-75	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
17TFX#4007	Storage Tanks/Vessels	N/A	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.
17TFX#4008	Storage Tanks/Vessels	N/A	R5112-76	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
17TFX#4008	Storage Tanks/Vessels	N/A	63EEEE-5	40 CFR Part 63, Subpart EEEE	No changing attributes.
18BLW#002	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
18SMP#4118	Storage Tanks/Vessels	N/A	63EEEE-6	40 CFR Part 63, Subpart EEEE	No changing attributes.
18TFX#4117	Storage Tanks/Vessels	N/A	R5112-78	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
18TFX#4117	Storage Tanks/Vessels	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
19BLW#005	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
19TEF#1323	Storage Tanks/Vessels	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
19TEF#1323	Storage Tanks/Vessels	N/A	61FF-16	40 CFR Part 61, Subpart FF	No changing attributes.
19TEF#1323	Storage Tanks/Vessels	N/A	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
19TEF#1332	Storage Tanks/Vessels	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
19TEF#1332	Storage Tanks/Vessels	N/A	61FF-17	40 CFR Part 61, Subpart FF	No changing attributes.
19TEF#1332	Storage Tanks/Vessels	N/A	63CC-2	40 CFR Part 63, Subpart CC	No changing attributes.
19TIF#0648	Storage Tanks/Vessels	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
19TIF#0648	Storage Tanks/Vessels	N/A	63CC-TK-1	40 CFR Part 63, Subpart CC	No changing attributes.
20BLW#003	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
20CTL#005	Industrial Cooling Towers	N/A	63CC-HES1	40 CFR Part 63, Subpart CC	No changing attributes.
20HTR#001	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD8	40 CFR Part 60, Subpart J	No changing attributes.
20HTR#001	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
20HTR#002	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD9	40 CFR Part 60, Subpart J	No changing attributes.
20HTR#002	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
20HTR#003	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD10	40 CFR Part 60, Subpart J	No changing attributes.
20HTR#003	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
20HTR#004	Process Heaters/Furnaces	N/A	R7ICI-4	30 TAC Chapter 117, Subchapter B	No changing attributes.
20HTR#004	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD11	40 CFR Part 60, Subpart J	No changing attributes.
20HTR#004	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
20HTR#005	Process Heaters/Furnaces	N/A	R7ICI-5	30 TAC Chapter 117, Subchapter B	No changing attributes.
20HTR#005	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD12	40 CFR Part 60, Subpart J	No changing attributes.
20HTR#005	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
20STK_004	Emission Points/Stationary Vents/Process Vents	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
20TVT#001	Storage Tanks/Vessels	N/A	R5112-251	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
21BLW#003	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
21HTR#001	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
22BLW#001	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
25BLW#010	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
25CTL#022	Industrial Process Cooling Towers	N/A	63CC-HES1	40 CFR Part 63, Subpart CC	No changing attributes.
25HTR#001	Process Heaters/Furnaces	N/A	117-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
25HTR#001	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD14	40 CFR Part 60, Subpart J	No changing attributes.
25HTR#001	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
25HTR#003	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD15	40 CFR Part 60, Subpart J	No changing attributes.



Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
25HTR#003	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
25HTR#004	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD16	40 CFR Part 60, Subpart J	No changing attributes.
25HTR#004	Process Heaters/Furnaces	N/A	63DDDDD-3	40 CFR Part 63, Subpart DDDDD	No changing attributes.
25TFX#2368	Storage Tanks/Vessels	N/A	63EEEE-2	40 CFR Part 63, Subpart EEEE	No changing attributes.
26BLW#002	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
26TFX#4020	Storage Tanks/Vessels	N/A	R5112-79	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
26TFX#4020	Storage Tanks/Vessels	N/A	63CC-4	40 CFR Part 63, Subpart CC	No changing attributes.
27BLW#003	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
27BLW#005	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
27CTL#003	Industrial Process Cooling Towers	N/A	63CC-HES1	40 CFR Part 63, Subpart CC	No changing attributes.
27HTR#001	Process Heaters/Furnaces	N/A	R7ICI-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
27HTR#001	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-1	40 CFR Part 60, Subpart J	No changing attributes.
27HTR#001	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
27HTR#002	Process Heaters/Furnaces	N/A	R7ICI-2	30 TAC Chapter 117, Subchapter B	No changing attributes.
27HTR#002	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-2	40 CFR Part 60, Subpart J	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
27HTR#002	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
27HTR#003	Process Heaters/Furnaces	N/A	R7ICI-3	30 TAC Chapter 117, Subchapter B	No changing attributes.
27HTR#003	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-3	40 CFR Part 60, Subpart J	No changing attributes.
27HTR#003	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
27HTR#004	Process Heaters/Furnaces	N/A	R7ICI-4	30 TAC Chapter 117, Subchapter B	No changing attributes.
27HTR#004	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-4	40 CFR Part 60, Subpart J	No changing attributes.
27HTR#004	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
27STK_003	Emission Points/Stationary Vents/Process Vents	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
27TFX#1363	Storage Tanks/Vessels	N/A	R5112-80	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
27TFX#1363	Storage Tanks/Vessels	N/A	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.
27TVT#001	Storage Tanks/Vessels	N/A	R5112-81	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
27TVT#002	Storage Tanks/Vessels	N/A	R5112-82	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
27TVT#003	Storage Tanks/Vessels	N/A	R5112-83	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
27TVT#004	Storage Tanks/Vessels	N/A	R5112-84	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
27TVT#005	Storage Tanks/Vessels	N/A	R5112-85	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
27TVT#006	Storage Tanks/Vessels	N/A	R5112-86	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
28BLW#003	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
28BLW#005	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
28HTR#001	Process Heaters/Furnaces	N/A	R7ICI-5	30 TAC Chapter 117, Subchapter B	No changing attributes.
28HTR#001	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-5	40 CFR Part 60, Subpart J	No changing attributes.
28HTR#001	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
28HTR#002	Process Heaters/Furnaces	N/A	R7ICI-6	30 TAC Chapter 117, Subchapter B	No changing attributes.
28HTR#002	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-6	40 CFR Part 60, Subpart J	No changing attributes.
28HTR#002	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
28HTR#003	Process Heaters/Furnaces	N/A	R7ICI-7	30 TAC Chapter 117, Subchapter B	No changing attributes.
28HTR#003	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-7	40 CFR Part 60, Subpart J	No changing attributes.
28HTR#003	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
28HTR#004	Process Heaters/Furnaces	N/A	R7ICI-8	30 TAC Chapter 117, Subchapter B	No changing attributes.
28HTR#004	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-8	40 CFR Part 60, Subpart J	No changing attributes.

# Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
28HTR#004	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
28STK_003	Emission Points/Stationary Vents/Process Vents	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
28TVT#001	Storage Tanks/Vessels	N/A	R5112-87	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
28TVT#002	Storage Tanks/Vessels	N/A	R5112-88	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
28TVT#003	Storage Tanks/Vessels	N/A	R5112-89	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
28TVT#004	Storage Tanks/Vessels	N/A	R5112-90	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
28TVT#005	Storage Tanks/Vessels	N/A	R5112-91	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
29BLW#002	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
30BLW#002	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
30ENG#001	SRIC Engines	N/A	60III-6	40 CFR Part 60, Subpart III	No changing attributes.
30ENG#001	SRIC Engines	N/A	63ZZZZ-5	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
30ENG#002	SRIC Engines	N/A	60III-6	40 CFR Part 60, Subpart III	No changing attributes.
30ENG#002	SRIC Engines	N/A	63ZZZZ-5	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
32BLW#002	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
32STK_001	Emission Points/Stationary Vents/Process Vents	N/A	R1111-10	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
32TFX#4073	Storage Tanks/Vessels	N/A	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.
32TFX#4074	Storage Tanks/Vessels	N/A	63CC-2	40 CFR Part 63, Subpart CC	No changing attributes.
32TFX#4076	Storage Tanks/Vessels	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
33VNT_001	Emission Points/Stationary Vents/Process Vents	N/A	R5121-10	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
36BLW#006	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
36CTL#019	Industrial Process Cooling Towers	N/A	63CC-HES1	40 CFR Part 63, Subpart CC	No changing attributes.
36HTR#002	Process Heaters/Furnaces	N/A	R7ICI-1	30 TAC Chapter 117, Subchapter B	No changing attributes.
36HTR#002	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD17	40 CFR Part 60, Subpart J	No changing attributes.
36HTR#002	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
36HTR#004	Process Heaters/Furnaces	N/A	R7ICI-2	30 TAC Chapter 117, Subchapter B	No changing attributes.
36HTR#004	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD18	40 CFR Part 60, Subpart J	No changing attributes.
36HTR#004	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
36HTR#006	Process Heaters/Furnaces	N/A	R7ICI-3	30 TAC Chapter 117, Subchapter B	No changing attributes.
36HTR#006	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60Ja-2	40 CFR Part 60, Subpart Ja	No changing attributes.
36HTR#006	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
36HTR#007	Process Heaters/Furnaces	N/A	R7ICI-4	30 TAC Chapter 117, Subchapter B	No changing attributes.
36HTR#007	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60Ja-2	40 CFR Part 60, Subpart Ja	No changing attributes.
36HTR#007	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
36OWS#001	Volatile Organic Compound Water Separators	N/A	R5131-1	30 TAC Chapter 115, Water Separation	No changing attributes.
36TVV_011	Emission Points/Stationary Vents/Process Vents	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
36TVV_011	Emission Points/Stationary Vents/Process Vents	N/A	R5121-2	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
36TVV_011	Emission Points/Stationary Vents/Process Vents	N/A	63CC-5	40 CFR Part 63, Subpart CC	No changing attributes.
36TVV_011	Emission Points/Stationary Vents/Process Vents	N/A	63CC-6	40 CFR Part 63, Subpart CC	No changing attributes.
36TVV_012	Emission Points/Stationary Vents/Process Vents	N/A	R5121-3	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
36TVV_012	Emission Points/Stationary Vents/Process Vents	N/A	R5121-4	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
36TVV_012	Emission Points/Stationary Vents/Process Vents	N/A	63CC-7	40 CFR Part 63, Subpart CC	No changing attributes.
36TVV_012	Emission Points/Stationary Vents/Process Vents	N/A	63CC-8	40 CFR Part 63, Subpart CC	No changing attributes.
36VNT#001	Emission Points/Stationary Vents/Process Vents	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
44LRA#002	Loading/Unloading Operations	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.

# Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
44LRA#010	Loading/Unloading Operations	N/A	R5211-2	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
44TFX#0350	Storage Tanks/Vessels	N/A	R5112-99	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#0410	Storage Tanks/Vessels	N/A	R5112-100	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#0569	Storage Tanks/Vessels	N/A	R5112-102	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#0570	Storage Tanks/Vessels	N/A	R5112-103	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#0582	Storage Tanks/Vessels	N/A	R5112-105	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#0584	Storage Tanks/Vessels	N/A	R5112-106	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#0585	Storage Tanks/Vessels	N/A	R5112-107	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#0698	Storage Tanks/Vessels	N/A	R5112-108	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#0722	Storage Tanks/Vessels	N/A	R5112-109	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#0748	Storage Tanks/Vessels	N/A	R5112-110	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#0749	Storage Tanks/Vessels	N/A	R5112-111	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#0798	Storage Tanks/Vessels	N/A	R5112-112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1106	Storage Tanks/Vessels	N/A	R5112-113	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
44TFX#1107	Storage Tanks/Vessels	N/A	R5112-114	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1111	Storage Tanks/Vessels	N/A	R5112-115	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1112	Storage Tanks/Vessels	N/A	R5112-116	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1118	Storage Tanks/Vessels	N/A	R5112-117	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1119	Storage Tanks/Vessels	N/A	R5112-118	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1120	Storage Tanks/Vessels	N/A	R5112-119	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1121	Storage Tanks/Vessels	N/A	R5112-120	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1130	Storage Tanks/Vessels	N/A	R5112-121	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1134	Storage Tanks/Vessels	N/A	R5112-122	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1135	Storage Tanks/Vessels	N/A	R5112-123	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1136	Storage Tanks/Vessels	N/A	R5112-124	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1154	Storage Tanks/Vessels	N/A	R5112-125	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1155	Storage Tanks/Vessels	N/A	R5112-126	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1156	Storage Tanks/Vessels	N/A	R5112-127	30 TAC Chapter 115, Storage of VOCs	No changing attributes.



### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
44TFX#1168	Storage Tanks/Vessels	N/A	R5112-128	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1169	Storage Tanks/Vessels	N/A	R5112-129	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1170	Storage Tanks/Vessels	N/A	R5112-130	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1171	Storage Tanks/Vessels	N/A	R5112-131	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1172	Storage Tanks/Vessels	N/A	R5112-132	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1177	Storage Tanks/Vessels	N/A	R5112-134	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1178	Storage Tanks/Vessels	N/A	R5112-135	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1179	Storage Tanks/Vessels	N/A	R5112-136	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1180	Storage Tanks/Vessels	N/A	R5112-137	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1183	Storage Tanks/Vessels	N/A	R5112-138	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1184	Storage Tanks/Vessels	N/A	R5112-139	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1186	Storage Tanks/Vessels	N/A	R5112-140	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1187	Storage Tanks/Vessels	N/A	R5112-141	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1188	Storage Tanks/Vessels	N/A	R5112-142	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

# Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
44TFX#1193	Storage Tanks/Vessels	N/A	R5112-143	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1194	Storage Tanks/Vessels	N/A	R5112-144	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1197	Storage Tanks/Vessels	N/A	R5112-145	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1198	Storage Tanks/Vessels	N/A	R5112-146	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1199	Storage Tanks/Vessels	N/A	R5112-147	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1200	Storage Tanks/Vessels	N/A	R5112-148	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1201	Storage Tanks/Vessels	N/A	R5112-149	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1202	Storage Tanks/Vessels	N/A	R5112-150	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1203	Storage Tanks/Vessels	N/A	R5112-151	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1204	Storage Tanks/Vessels	N/A	R5112-152	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1205	Storage Tanks/Vessels	N/A	R5112-153	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1224	Storage Tanks/Vessels	N/A	R5112-154	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1226	Storage Tanks/Vessels	N/A	R5112-155	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1227	Storage Tanks/Vessels	N/A	R5112-156	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
44TFX#1262	Storage Tanks/Vessels	N/A	R5112-157	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1264	Storage Tanks/Vessels	N/A	R5112-158	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1273	Storage Tanks/Vessels	N/A	R5112-159	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1278	Storage Tanks/Vessels	N/A	R5112-160	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1279	Storage Tanks/Vessels	N/A	R5112-161	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1280	Storage Tanks/Vessels	N/A	R5112-162	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1282	Storage Tanks/Vessels	N/A	R5112-163	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1283	Storage Tanks/Vessels	N/A	R5112-164	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1285	Storage Tanks/Vessels	N/A	R5112-165	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1286	Storage Tanks/Vessels	N/A	R5112-166	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1287	Storage Tanks/Vessels	N/A	R5112-167	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1288	Storage Tanks/Vessels	N/A	R5112-168	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1289	Storage Tanks/Vessels	N/A	R5112-169	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1290	Storage Tanks/Vessels	N/A	R5112-170	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
44TFX#1328	Storage Tanks/Vessels	N/A	R5112-171	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1368	Storage Tanks/Vessels	N/A	R5112-172	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1369	Storage Tanks/Vessels	N/A	R5112-173	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1370	Storage Tanks/Vessels	N/A	R5112-174	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1371	Storage Tanks/Vessels	N/A	R5112-175	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1382	Storage Tanks/Vessels	N/A	R5112-176	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1386	Storage Tanks/Vessels	N/A	R5112-177	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#1393	Storage Tanks/Vessels	N/A	R5112-178	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#2100	Storage Tanks/Vessels	N/A	R5112-179	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#2124	Storage Tanks/Vessels	N/A	R5112-180	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#2125	Storage Tanks/Vessels	N/A	R5112-181	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#2185	Storage Tanks/Vessels	N/A	R5112-182	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#2186	Storage Tanks/Vessels	N/A	R5112-183	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#2198	Storage Tanks/Vessels	N/A	R5112-184	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
44TFX#2199	Storage Tanks/Vessels	N/A	R5112-185	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#2199	Storage Tanks/Vessels	N/A	61FF-1	40 CFR Part 61, Subpart FF	No changing attributes.
44TFX#2199	Storage Tanks/Vessels	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
44TFX#2222	Storage Tanks/Vessels	N/A	R5112-186	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#2234	Storage Tanks/Vessels	N/A	R5112-187	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#5004	Storage Tanks/Vessels	N/A	R5112-188	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#5005	Storage Tanks/Vessels	N/A	R5112-189	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#5022	Storage Tanks/Vessels	N/A	R5112-104	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#5022	Storage Tanks/Vessels	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
44TFX#5023	Storage Tanks/Vessels	N/A	R5112-101	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TFX#5023	Storage Tanks/Vessels	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
44TIF#1294	Storage Tanks/Vessels	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TIF#1294	Storage Tanks/Vessels	N/A	63CC-6	40 CFR Part 63, Subpart CC	No changing attributes.
44TIF#1295	Storage Tanks/Vessels	N/A	R5112-257	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TIF#1295	Storage Tanks/Vessels	N/A	63CC-7	40 CFR Part 63, Subpart CC	No changing attributes.
44TIF#1296	Storage Tanks/Vessels	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
44TIF#1296	Storage Tanks/Vessels	N/A	63CC-8	40 CFR Part 63, Subpart CC	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
45VNT_001	Emission Points/Stationary Vents/Process Vents	N/A	R5121-6	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
45VNT_001	Emission Points/Stationary Vents/Process Vents	N/A	63CC-10	40 CFR Part 63, Subpart CC	No changing attributes.
47CAN#0411	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
47CAN#0412	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
47CAN#0413	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
47CAN#0432	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
47CAN#0432	Storage Tanks/Vessels	N/A	63CC-CAD1	40 CFR Part 63, Subpart CC	No changing attributes.
47CAN#4184	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
47ENG#003	SRIC Engines	N/A	60III-2	40 CFR Part 60, Subpart III	No changing attributes.
47ENG#003	SRIC Engines	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
47ENG#004	SRIC Engines	N/A	63ZZZZ-3	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
47ENG#005	SRIC Engines	N/A	63ZZZZ-4	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
47ENG#007	SRIC Engines	N/A	60III-5	40 CFR Part 60, Subpart III	No changing attributes.
47ENG#007	SRIC Engines	N/A	63ZZZZ-2	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
47ENG#010	SRIC Engines	N/A	60III-2	40 CFR Part 60, Subpart III	No changing attributes.
47ENG#010	SRIC Engines	N/A	63ZZZZ-4	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
47ENG#011	SRIC Engines	N/A	60III-1	40 CFR Part 60, Subpart IIII	No changing attributes.
47ENG#011	SRIC Engines	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
47ENG#012	SRIC Engines	N/A	60III-1	40 CFR Part 60, Subpart IIII	No changing attributes.
47ENG#012	SRIC Engines	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
47ENG#230	SRIC Engines	N/A	60III-1	40 CFR Part 60, Subpart IIII	No changing attributes.
47ENG#230	SRIC Engines	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
47OWS#API	Volatile Organic Compound Water Separators	N/A	115-24	30 TAC Chapter 115, Water Separation	No changing attributes.
47OWS#API	Volatile Organic Compound Water Separators	N/A	60QQQ-28	40 CFR Part 60, Subpart QQQ	No changing attributes.
47OWS#CPI	Volatile Organic Compound Water Separators	N/A	115-24	30 TAC Chapter 115, Water Separation	No changing attributes.
47OWS#CPI	Volatile Organic Compound Water Separators	N/A	60QQQ-1	40 CFR Part 60, Subpart QQQ	No changing attributes.
47SMP#4136	Storage Tanks/Vessels	N/A	115-23	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
47SMP#4136	Storage Tanks/Vessels	N/A	60QQQ-2	40 CFR Part 60, Subpart QQQ	No changing attributes.
47SMP#4136	Storage Tanks/Vessels	N/A	63CC-TK19	40 CFR Part 63, Subpart CC	No changing attributes.
47TFX#0417	Storage Tanks/Vessels	N/A	115-7	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
47TFX#0417	Storage Tanks/Vessels	N/A	63EEEE-9	40 CFR Part 63, Subpart EEEE	No changing attributes.
47TFX#0432	Storage Tanks/Vessels	N/A	115-10	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
47TFX#0432	Storage Tanks/Vessels	N/A	61FF-5	40 CFR Part 61, Subpart FF	No changing attributes.
47TFX#0432	Storage Tanks/Vessels	N/A	63CC-TK9	40 CFR Part 63, Subpart CC	No changing attributes.
47TFX#4096	Storage Tanks/Vessels	N/A	R5112-191	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
47TFX#4096	Storage Tanks/Vessels	N/A	63CC-112	40 CFR Part 63, Subpart CC	No changing attributes.
47TFX#4184	Storage Tanks/Vessels	N/A	R5112-57	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
47TFX#4184	Storage Tanks/Vessels	N/A	60Kb-7	40 CFR Part 60, Subpart Kb	No changing attributes.
47TFX#4184	Storage Tanks/Vessels	N/A	61FF-10	40 CFR Part 61, Subpart FF	No changing attributes.
47TFX#4184	Storage Tanks/Vessels	N/A	63CC-112	40 CFR Part 63, Subpart CC	No changing attributes.
47TIF#0411	Storage Tanks/Vessels	N/A	115-2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
47TIF#0411	Storage Tanks/Vessels	N/A	61FF-1	40 CFR Part 61, Subpart FF	No changing attributes.
47TIF#0411	Storage Tanks/Vessels	N/A	63CC-TK-1	40 CFR Part 63, Subpart CC	No changing attributes.
47TIF#0412	Storage Tanks/Vessels	N/A	R5112-192	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
47TIF#0412	Storage Tanks/Vessels	N/A	61FF-2	40 CFR Part 61, Subpart FF	No changing attributes.
47TIF#0412	Storage Tanks/Vessels	N/A	63CC-TK2	40 CFR Part 63, Subpart CC	No changing attributes.
47TIF#0413	Storage Tanks/Vessels	N/A	R5112-193	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
47TIF#0413	Storage Tanks/Vessels	N/A	61FF-3	40 CFR Part 61, Subpart FF	No changing attributes.
47TIF#0413	Storage Tanks/Vessels	N/A	63CC-TK3	40 CFR Part 63, Subpart CC	No changing attributes.
47TIF#1313	Storage Tanks/Vessels	N/A	115-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
47TIF#1313	Storage Tanks/Vessels	N/A	61FF-7	40 CFR Part 61, Subpart FF	No changing attributes.
47TIF#1313	Storage Tanks/Vessels	N/A	63CC-TK12	40 CFR Part 63, Subpart CC	No changing attributes.



Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
47TIF#4001	Storage Tanks/Vessels	N/A	115-16	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
47TIF#4001	Storage Tanks/Vessels	N/A	60Kb-2	40 CFR Part 60, Subpart Kb	No changing attributes.
47TIF#4001	Storage Tanks/Vessels	N/A	63CC-TK-1	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#0713	Storage Tanks/Vessels	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#0713	Storage Tanks/Vessels	N/A	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1151	Storage Tanks/Vessels	N/A	R5112-4	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1151	Storage Tanks/Vessels	N/A	63CC-4	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1158	Storage Tanks/Vessels	N/A	R5112-6	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1158	Storage Tanks/Vessels	N/A	63CC-6	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1165	Storage Tanks/Vessels	N/A	R5112-8	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1165	Storage Tanks/Vessels	N/A	60Kb-10	40 CFR Part 60, Subpart Kb	No changing attributes.
48TEF#1165	Storage Tanks/Vessels	N/A	63CC-8	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1212	Storage Tanks/Vessels	N/A	R5112-10	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1212	Storage Tanks/Vessels	N/A	63CC-10	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1251	Storage Tanks/Vessels	N/A	R5112-12	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1251	Storage Tanks/Vessels	N/A	63CC-12	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1300	Storage Tanks/Vessels	N/A	R5112-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1300	Storage Tanks/Vessels	N/A	63CC-13	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
48TEF#1324	Storage Tanks/Vessels	N/A	R5112-14	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1324	Storage Tanks/Vessels	N/A	63CC-14	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1325	Storage Tanks/Vessels	N/A	R5112-15	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1325	Storage Tanks/Vessels	N/A	63CC-15	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1329	Storage Tanks/Vessels	N/A	R5112-16	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1329	Storage Tanks/Vessels	N/A	61FF-4	40 CFR Part 61, Subpart FF	No changing attributes.
48TEF#1329	Storage Tanks/Vessels	N/A	63CC-16	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1337	Storage Tanks/Vessels	N/A	R5112-19	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1337	Storage Tanks/Vessels	N/A	63CC-19	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1349	Storage Tanks/Vessels	N/A	R5112-21	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1349	Storage Tanks/Vessels	N/A	63CC-21	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1350	Storage Tanks/Vessels	N/A	R5112-22	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1350	Storage Tanks/Vessels	N/A	63CC-22	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1351	Storage Tanks/Vessels	N/A	R5112-23	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1351	Storage Tanks/Vessels	N/A	63CC-23	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1362	Storage Tanks/Vessels	N/A	R5112-25	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1362	Storage Tanks/Vessels	N/A	63CC-25	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1365	Storage Tanks/Vessels	N/A	R5112-26	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

# Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
48TEF#1365	Storage Tanks/Vessels	N/A	63CC-26	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1366	Storage Tanks/Vessels	N/A	R5112-27	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1366	Storage Tanks/Vessels	N/A	63CC-27	40 CFR Part 63, Subpart CC	No changing attributes.
48TEF#1389	Storage Tanks/Vessels	N/A	R5112-28	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TEF#1389	Storage Tanks/Vessels	N/A	63CC-28	40 CFR Part 63, Subpart CC	No changing attributes.
48TFX#0392	Storage Tanks/Vessels	N/A	R5112-194	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TFX#0392	Storage Tanks/Vessels	N/A	63CC-30	40 CFR Part 63, Subpart CC	No changing attributes.
48TFX#0393	Storage Tanks/Vessels	N/A	R5112-195	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TFX#0393	Storage Tanks/Vessels	N/A	63CC-31	40 CFR Part 63, Subpart CC	No changing attributes.
48TFX#0394	Storage Tanks/Vessels	N/A	R5112-196	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TFX#0394	Storage Tanks/Vessels	N/A	63CC-32	40 CFR Part 63, Subpart CC	No changing attributes.
48TFX#0395	Storage Tanks/Vessels	N/A	R5112-197	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TFX#0395	Storage Tanks/Vessels	N/A	63CC-33	40 CFR Part 63, Subpart CC	No changing attributes.
48TFX#0499	Storage Tanks/Vessels	N/A	R5112-198	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TFX#0499	Storage Tanks/Vessels	N/A	63CC-37	40 CFR Part 63, Subpart CC	No changing attributes.
48TFX#1256	Storage Tanks/Vessels	N/A	R5112-199	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TFX#1256	Storage Tanks/Vessels	N/A	63CC-39	40 CFR Part 63, Subpart CC	No changing attributes.
48TFX#1257	Storage Tanks/Vessels	N/A	R5112-200	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
48TFX#1257	Storage Tanks/Vessels	N/A	63CC-40	40 CFR Part 63, Subpart CC	No changing attributes.
48TIF#0702	Storage Tanks/Vessels	N/A	R5112-30	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TIF#0702	Storage Tanks/Vessels	N/A	63CC-42	40 CFR Part 63, Subpart CC	No changing attributes.
48TIF#1000	Storage Tanks/Vessels	N/A	R5112-31	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TIF#1000	Storage Tanks/Vessels	N/A	63CC-43	40 CFR Part 63, Subpart CC	No changing attributes.
48TIF#1334	Storage Tanks/Vessels	N/A	R5112-17	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TIF#1334	Storage Tanks/Vessels	N/A	60Kb-5	40 CFR Part 60, Subpart Kb	No changing attributes.
48TIF#1334	Storage Tanks/Vessels	N/A	63CC-17	40 CFR Part 63, Subpart CC	No changing attributes.
48TIF#1338	Storage Tanks/Vessels	N/A	R5112-20	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TIF#1338	Storage Tanks/Vessels	N/A	60Kb-11	40 CFR Part 60, Subpart Kb	No changing attributes.
48TIF#1338	Storage Tanks/Vessels	N/A	63CC-20	40 CFR Part 63, Subpart CC	No changing attributes.
48TIF#1361	Storage Tanks/Vessels	N/A	R5112-24	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TIF#1361	Storage Tanks/Vessels	N/A	63CC-24	40 CFR Part 63, Subpart CC	No changing attributes.
48TIF#1390	Storage Tanks/Vessels	N/A	R5112-29	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TIF#1390	Storage Tanks/Vessels	N/A	60Kb-17	40 CFR Part 60, Subpart Kb	No changing attributes.
48TIF#1390	Storage Tanks/Vessels	N/A	63CC-29	40 CFR Part 63, Subpart CC	No changing attributes.
48TIF#5016	Storage Tanks/Vessels	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TIF#5016	Storage Tanks/Vessels	N/A	60Kb-2	40 CFR Part 60, Subpart Kb	No changing attributes.
48TIF#5016	Storage Tanks/Vessels	N/A	63CC-TK1	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
48TIF#5026	Storage Tanks/Vessels	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
48TIF#5026	Storage Tanks/Vessels	N/A	60Kb-2	40 CFR Part 60, Subpart Kb	No changing attributes.
48TIF#5026	Storage Tanks/Vessels	N/A	63CC-TK-1	40 CFR Part 63, Subpart CC	No changing attributes.
49CAN#T100	Miscellaneous Units	N/A	63GGGGG-1	40 CFR Part 63, Subpart GGGGG	No changing attributes.
49CAN#WRR1	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
49CAN#WRR2	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
49CAN#WRR3	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
49CAN#WRR4	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
49ENG#001	SRIC Engines	N/A	63ZZZZ-4	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
49TEF#0590	Storage Tanks/Vessels	N/A	R5112-32	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TEF#0590	Storage Tanks/Vessels	N/A	60Kb-12	40 CFR Part 60, Subpart Kb	No changing attributes.
49TEF#0590	Storage Tanks/Vessels	N/A	63CC-44	40 CFR Part 63, Subpart CC	No changing attributes.
49TEF#0718	Storage Tanks/Vessels	N/A	R5112-33	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TEF#0718	Storage Tanks/Vessels	N/A	63CC-45	40 CFR Part 63, Subpart CC	No changing attributes.
49TEF#1215	Storage Tanks/Vessels	N/A	R5112-35	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TEF#1215	Storage Tanks/Vessels	N/A	60Kb-13	40 CFR Part 60, Subpart Kb	No changing attributes.
49TEF#1215	Storage Tanks/Vessels	N/A	63CC-47	40 CFR Part 63, Subpart CC	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
49TEF#1284	Storage Tanks/Vessels	N/A	R5112-36	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TEF#1284	Storage Tanks/Vessels	N/A	63CC-48	40 CFR Part 63, Subpart CC	No changing attributes.
49TEF#1314	Storage Tanks/Vessels	N/A	R5112-37	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TEF#1314	Storage Tanks/Vessels	N/A	60Kb-5	40 CFR Part 60, Subpart Kb	No changing attributes.
49TEF#1314	Storage Tanks/Vessels	N/A	63CC-49	40 CFR Part 63, Subpart CC	No changing attributes.
49TEF#1335	Storage Tanks/Vessels	N/A	R5112-40	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TEF#1335	Storage Tanks/Vessels	N/A	60Kb-14	40 CFR Part 60, Subpart Kb	No changing attributes.
49TEF#1335	Storage Tanks/Vessels	N/A	61FF-4	40 CFR Part 61, Subpart FF	No changing attributes.
49TEF#1335	Storage Tanks/Vessels	N/A	63CC-52	40 CFR Part 63, Subpart CC	No changing attributes.
49TEF#1352	Storage Tanks/Vessels	N/A	R5112-41	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TEF#1352	Storage Tanks/Vessels	N/A	63CC-53	40 CFR Part 63, Subpart CC	No changing attributes.
49TEF#1377	Storage Tanks/Vessels	N/A	R5112-42	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TEF#1377	Storage Tanks/Vessels	N/A	61FF-5	40 CFR Part 61, Subpart FF	No changing attributes.
49TEF#1377	Storage Tanks/Vessels	N/A	63CC-54	40 CFR Part 63, Subpart CC	No changing attributes.
49TEF#1378	Storage Tanks/Vessels	N/A	R5112-43	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TEF#1378	Storage Tanks/Vessels	N/A	60Kb-5	40 CFR Part 60, Subpart Kb	No changing attributes.
49TEF#1378	Storage Tanks/Vessels	N/A	61FF-6	40 CFR Part 61, Subpart FF	No changing attributes.
49TEF#1378	Storage Tanks/Vessels	N/A	63CC-55	40 CFR Part 63, Subpart CC	No changing attributes.
49TEF#1381	Storage Tanks/Vessels	N/A	R5112-44	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

# Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
49TEF#1381	Storage Tanks/Vessels	N/A	61FF-7	40 CFR Part 61, Subpart FF	No changing attributes.
49TEF#1381	Storage Tanks/Vessels	N/A	63CC-56	40 CFR Part 63, Subpart CC	No changing attributes.
49TEF#5013	Storage Tanks/Vessels	N/A	R5112-46	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TEF#5013	Storage Tanks/Vessels	N/A	60Kb-5	40 CFR Part 60, Subpart Kb	No changing attributes.
49TEF#5013	Storage Tanks/Vessels	N/A	61FF-15	40 CFR Part 61, Subpart FF	No changing attributes.
49TEF#5013	Storage Tanks/Vessels	N/A	63CC-69	40 CFR Part 63, Subpart CC	No changing attributes.
49TEF#5015	Storage Tanks/Vessels	N/A	R5112-47	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TEF#5015	Storage Tanks/Vessels	N/A	60Kb-6	40 CFR Part 60, Subpart Kb	No changing attributes.
49TEF#5015	Storage Tanks/Vessels	N/A	63CC-71	40 CFR Part 63, Subpart CC	No changing attributes.
49TEF#5021	Storage Tanks/Vessels	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TEF#5021	Storage Tanks/Vessels	N/A	60Kb-5	40 CFR Part 60, Subpart Kb	No changing attributes.
49TEF#5021	Storage Tanks/Vessels	N/A	61FF-16	40 CFR Part 61, Subpart FF	No changing attributes.
49TEF#5021	Storage Tanks/Vessels	N/A	63CC-8	40 CFR Part 63, Subpart CC	No changing attributes.
49TEF#5024	Storage Tanks/Vessels	N/A	R5112-39	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TEF#5024	Storage Tanks/Vessels	N/A	60Kb-19	40 CFR Part 60, Subpart Kb	No changing attributes.
49TEF#5024	Storage Tanks/Vessels	N/A	61FF-3	40 CFR Part 61, Subpart FF	No changing attributes.
49TEF#5024	Storage Tanks/Vessels	N/A	63CC-51	40 CFR Part 63, Subpart CC	No changing attributes.
49TEF#5027	Storage Tanks/Vessels	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TEF#5027	Storage Tanks/Vessels	N/A	60Kb-5	40 CFR Part 60, Subpart Kb	No changing attributes.
49TEF#5027	Storage Tanks/Vessels	N/A	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
49TEF#5048	Storage Tanks/Vessels	N/A	R5112-264	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TEF#5048	Storage Tanks/Vessels	N/A	60Kb-21	40 CFR Part 60, Subpart Kb	No changing attributes.
49TEF#5048	Storage Tanks/Vessels	N/A	61FF-24	40 CFR Part 61, Subpart FF	No changing attributes.
49TEF#5048	Storage Tanks/Vessels	N/A	63CC-114	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#0331	Storage Tanks/Vessels	N/A	R5112-201	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#0331	Storage Tanks/Vessels	N/A	63CC-58	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#0333	Storage Tanks/Vessels	N/A	R5112-202	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#0333	Storage Tanks/Vessels	N/A	63CC-59	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#0334	Storage Tanks/Vessels	N/A	R5112-203	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#0334	Storage Tanks/Vessels	N/A	63CC-60	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#0593	Storage Tanks/Vessels	N/A	R5112-204	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#0593	Storage Tanks/Vessels	N/A	63CC-64	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#0700	Storage Tanks/Vessels	N/A	R5112-205	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#0700	Storage Tanks/Vessels	N/A	63CC-66	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#0705	Storage Tanks/Vessels	N/A	R5112-206	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#0705	Storage Tanks/Vessels	N/A	63CC-68	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#0754	Storage Tanks/Vessels	N/A	R5112-208	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#0754	Storage Tanks/Vessels	N/A	63CC-74	40 CFR Part 63, Subpart CC	No changing attributes.



Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
49TFX#0759	Storage Tanks/Vessels	N/A	R5112-209	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#0759	Storage Tanks/Vessels	N/A	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#0764	Storage Tanks/Vessels	N/A	R5112-210	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#0764	Storage Tanks/Vessels	N/A	63CC-75	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#0765	Storage Tanks/Vessels	N/A	R5112-211	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#0765	Storage Tanks/Vessels	N/A	63CC-2	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#0766	Storage Tanks/Vessels	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#0766	Storage Tanks/Vessels	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#1143	Storage Tanks/Vessels	N/A	R5112-213	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#1143	Storage Tanks/Vessels	N/A	63CC-80	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#1144	Storage Tanks/Vessels	N/A	R5112-214	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#1144	Storage Tanks/Vessels	N/A	63CC-81	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#1145	Storage Tanks/Vessels	N/A	R5112-215	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#1145	Storage Tanks/Vessels	N/A	63CC-82	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#1222	Storage Tanks/Vessels	N/A	R5112-216	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#1222	Storage Tanks/Vessels	N/A	63CC-85	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#1228	Storage Tanks/Vessels	N/A	R5112-217	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#1228	Storage Tanks/Vessels	N/A	63CC-86	40 CFR Part 63, Subpart CC	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
49TFX#1238	Storage Tanks/Vessels	N/A	R5112-218	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#1238	Storage Tanks/Vessels	N/A	63CC-89	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#1239	Storage Tanks/Vessels	N/A	R5112-219	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#1239	Storage Tanks/Vessels	N/A	63CC-90	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#1260	Storage Tanks/Vessels	N/A	R5112-221	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#1260	Storage Tanks/Vessels	N/A	63CC-94	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#1265	Storage Tanks/Vessels	N/A	R5112-222	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#1265	Storage Tanks/Vessels	N/A	63CC-95	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#1359	Storage Tanks/Vessels	N/A	R5112-223	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#1359	Storage Tanks/Vessels	N/A	63CC-96	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#1367	Storage Tanks/Vessels	N/A	R5112-224	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#1367	Storage Tanks/Vessels	N/A	63CC-97	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#1391	Storage Tanks/Vessels	N/A	R5112-225	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#1391	Storage Tanks/Vessels	N/A	63CC-98	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#1700	Storage Tanks/Vessels	N/A	R5112-245	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#1700	Storage Tanks/Vessels	N/A	63CC-99	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#5002	Storage Tanks/Vessels	N/A	R5112-226	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#5002	Storage Tanks/Vessels	N/A	63CC-100	40 CFR Part 63, Subpart CC	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
49TFX#5003	Storage Tanks/Vessels	N/A	R5112-227	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#5003	Storage Tanks/Vessels	N/A	63CC-12	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#5006	Storage Tanks/Vessels	N/A	R5112-228	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#5006	Storage Tanks/Vessels	N/A	63CC-101	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#5007	Storage Tanks/Vessels	N/A	R5112-229	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#5007	Storage Tanks/Vessels	N/A	63CC-110	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#5009	Storage Tanks/Vessels	N/A	R5112-230	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#5009	Storage Tanks/Vessels	N/A	63CC-111	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#5010	Storage Tanks/Vessels	N/A	R5112-231	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#5010	Storage Tanks/Vessels	N/A	63CC-110	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#5011	Storage Tanks/Vessels	N/A	R5112-232	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#5012	Storage Tanks/Vessels	N/A	R5112-233	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#5014	Storage Tanks/Vessels	N/A	R5112-234	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#5014	Storage Tanks/Vessels	N/A	63CC-83	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#5017	Storage Tanks/Vessels	N/A	R5112-262	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#5017	Storage Tanks/Vessels	N/A	63CC-113	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#5018	Storage Tanks/Vessels	N/A	R5112-204	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

# Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
49TFX#5018	Storage Tanks/Vessels	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#5025	Storage Tanks/Vessels	N/A	R5112-212	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#5025	Storage Tanks/Vessels	N/A	63CC-79	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#5028	Storage Tanks/Vessels	N/A	R5112-204	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#5028	Storage Tanks/Vessels	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
49TFX#T100	Storage Tanks/Vessels	N/A	R5112-56	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TFX#T100	Storage Tanks/Vessels	N/A	63EEEE-7	40 CFR Part 63, Subpart EEEE	No changing attributes.
49TFX#WRR1	Storage Tanks/Vessels	N/A	61FF-20	40 CFR Part 61, Subpart FF	No changing attributes.
49TFX#WRR2	Storage Tanks/Vessels	N/A	61FF-21	40 CFR Part 61, Subpart FF	No changing attributes.
49TFX#WRR3	Storage Tanks/Vessels	N/A	61FF-22	40 CFR Part 61, Subpart FF	No changing attributes.
49TFX#WRR4	Storage Tanks/Vessels	N/A	61FF-23	40 CFR Part 61, Subpart FF	No changing attributes.
49TIF#0594	Storage Tanks/Vessels	N/A	R5112-48	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TIF#0594	Storage Tanks/Vessels	N/A	61FF-10	40 CFR Part 61, Subpart FF	No changing attributes.
49TIF#0594	Storage Tanks/Vessels	N/A	63CC-102	40 CFR Part 63, Subpart CC	No changing attributes.
49TIF#1269	Storage Tanks/Vessels	N/A	R5112-50	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
49TIF#1269	Storage Tanks/Vessels	N/A	61FF-11	40 CFR Part 61, Subpart FF	No changing attributes.
49TIF#1269	Storage Tanks/Vessels	N/A	63CC-104	40 CFR Part 63, Subpart CC	No changing attributes.
50BLW#010	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
50TEF#1375	Storage Tanks/Vessels	N/A	R5112-53	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
50TEF#1375	Storage Tanks/Vessels	N/A	60Kb-18	40 CFR Part 60, Subpart Kb	No changing attributes.
50TEF#1375	Storage Tanks/Vessels	N/A	61FF-13	40 CFR Part 61, Subpart FF	No changing attributes.
50TEF#1375	Storage Tanks/Vessels	N/A	63CC-107	40 CFR Part 63, Subpart CC	No changing attributes.
50TEF#2209	Storage Tanks/Vessels	N/A	R5112-11	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TEF#2209	Storage Tanks/Vessels	N/A	63CC-21	40 CFR Part 63, Subpart CC	No changing attributes.
50TEF#2210	Storage Tanks/Vessels	N/A	R5112-12	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TEF#2210	Storage Tanks/Vessels	N/A	60Kb-5	40 CFR Part 60, Subpart Kb	No changing attributes.
50TEF#2210	Storage Tanks/Vessels	N/A	63CC-22	40 CFR Part 63, Subpart CC	No changing attributes.
50TEF#2211	Storage Tanks/Vessels	N/A	R5112-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TEF#2211	Storage Tanks/Vessels	N/A	61FF-19	40 CFR Part 61, Subpart FF	No changing attributes.
50TEF#2211	Storage Tanks/Vessels	N/A	63CC-23	40 CFR Part 63, Subpart CC	No changing attributes.
50TEF#2212	Storage Tanks/Vessels	N/A	R5112-14	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TEF#2212	Storage Tanks/Vessels	N/A	63CC-24	40 CFR Part 63, Subpart CC	No changing attributes.
50TEF#2213	Storage Tanks/Vessels	N/A	R5112-15	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TEF#2213	Storage Tanks/Vessels	N/A	60Kb-5	40 CFR Part 60, Subpart Kb	No changing attributes.
50TEF#2213	Storage Tanks/Vessels	N/A	63CC-25	40 CFR Part 63, Subpart CC	No changing attributes.
50TEF#2223	Storage Tanks/Vessels	N/A	R5112-17	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TEF#2223	Storage Tanks/Vessels	N/A	63CC-27	40 CFR Part 63, Subpart CC	No changing attributes.
50TEF#2225	Storage Tanks/Vessels	N/A	R5112-19	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
50TEF#2225	Storage Tanks/Vessels	N/A	63CC-29	40 CFR Part 63, Subpart CC	No changing attributes.
50TEF#2228	Storage Tanks/Vessels	N/A	R5112-21	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TEF#2228	Storage Tanks/Vessels	N/A	63CC-31	40 CFR Part 63, Subpart CC	No changing attributes.
50TEF#2235	Storage Tanks/Vessels	N/A	R5112-22	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TEF#2235	Storage Tanks/Vessels	N/A	60Kb-20	40 CFR Part 60, Subpart Kb	No changing attributes.
50TEF#2235	Storage Tanks/Vessels	N/A	61FF-4	40 CFR Part 61, Subpart FF	No changing attributes.
50TEF#2235	Storage Tanks/Vessels	N/A	63CC-32	40 CFR Part 63, Subpart CC	No changing attributes.
50TEF#2236	Storage Tanks/Vessels	N/A	R5112-23	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TEF#2236	Storage Tanks/Vessels	N/A	63CC-33	40 CFR Part 63, Subpart CC	No changing attributes.
50TEF#2237	Storage Tanks/Vessels	N/A	R5112-24	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TEF#2237	Storage Tanks/Vessels	N/A	60Kb-5	40 CFR Part 60, Subpart Kb	No changing attributes.
50TEF#2237	Storage Tanks/Vessels	N/A	61FF-4	40 CFR Part 61, Subpart FF	No changing attributes.
50TEF#2237	Storage Tanks/Vessels	N/A	63CC-34	40 CFR Part 63, Subpart CC	No changing attributes.
50TEF#2238	Storage Tanks/Vessels	N/A	R5112-25	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TEF#2238	Storage Tanks/Vessels	N/A	61FF-18	40 CFR Part 61, Subpart FF	No changing attributes.
50TEF#2238	Storage Tanks/Vessels	N/A	63CC-35	40 CFR Part 63, Subpart CC	No changing attributes.
50TEF#2239	Storage Tanks/Vessels	N/A	R5112-26	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TEF#2239	Storage Tanks/Vessels	N/A	60Kb-5	40 CFR Part 60, Subpart Kb	No changing attributes.
50TEF#2239	Storage Tanks/Vessels	N/A	63CC-36	40 CFR Part 63, Subpart CC	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
50TEF#5008	Storage Tanks/Vessels	N/A	R5112-36	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TEF#5008	Storage Tanks/Vessels	N/A	60Kb-8	40 CFR Part 60, Subpart Kb	No changing attributes.
50TEF#5008	Storage Tanks/Vessels	N/A	63CC-47	40 CFR Part 63, Subpart CC	No changing attributes.
50TEF#5038	Storage Tanks/Vessels	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TEF#5038	Storage Tanks/Vessels	N/A	60Kb-5	40 CFR Part 60, Subpart Kb	No changing attributes.
50TEF#5038	Storage Tanks/Vessels	N/A	61FF-16	40 CFR Part 61, Subpart FF	No changing attributes.
50TEF#5038	Storage Tanks/Vessels	N/A	63CC-8	40 CFR Part 63, Subpart CC	No changing attributes.
50TFX#0332	Storage Tanks/Vessels	N/A	R5112-235	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TFX#0332	Storage Tanks/Vessels	N/A	63CC-38	40 CFR Part 63, Subpart CC	No changing attributes.
50TFX#0363	Storage Tanks/Vessels	N/A	R5112-239	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TFX#0491	Storage Tanks/Vessels	N/A	R5112-35	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TFX#0491	Storage Tanks/Vessels	N/A	63CC-54	40 CFR Part 63, Subpart CC	No changing attributes.
50TFX#2136	Storage Tanks/Vessels	N/A	R5112-240	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TFX#2136	Storage Tanks/Vessels	N/A	63CC-40	40 CFR Part 63, Subpart CC	No changing attributes.
50TFX#2206	Storage Tanks/Vessels	N/A	R5112-241	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TFX#2206	Storage Tanks/Vessels	N/A	63CC-41	40 CFR Part 63, Subpart CC	No changing attributes.
50TFX#2207	Storage Tanks/Vessels	N/A	R5112-242	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TFX#2207	Storage Tanks/Vessels	N/A	63CC-42	40 CFR Part 63, Subpart CC	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
50TIF#2133	Storage Tanks/Vessels	N/A	R5112-31	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TIF#2133	Storage Tanks/Vessels	N/A	63CC-43	40 CFR Part 63, Subpart CC	No changing attributes.
50TIF#2134	Storage Tanks/Vessels	N/A	R5112-32	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TIF#2134	Storage Tanks/Vessels	N/A	63CC-44	40 CFR Part 63, Subpart CC	No changing attributes.
50TIF#2203	Storage Tanks/Vessels	N/A	R5112-33	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TIF#2203	Storage Tanks/Vessels	N/A	61FF-6	40 CFR Part 61, Subpart FF	No changing attributes.
50TIF#2203	Storage Tanks/Vessels	N/A	63CC-45	40 CFR Part 63, Subpart CC	No changing attributes.
50TIF#2214	Storage Tanks/Vessels	N/A	R5112-34	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
50TIF#2214	Storage Tanks/Vessels	N/A	63CC-46	40 CFR Part 63, Subpart CC	No changing attributes.
50TSP#2155	Storage Tanks/Vessels	N/A	R5112-58	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
52LBS#001	Loading/Unloading Operations	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
52LBS#001	Loading/Unloading Operations	N/A	63Y-1	40 CFR Part 63, Subpart Y	No changing attributes.
53LBS#001	Loading/Unloading Operations	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
53LBS#001	Loading/Unloading Operations	N/A	63Y-1	40 CFR Part 63, Subpart Y	No changing attributes.
54LBS#001	Loading/Unloading Operations	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
54LBS#001	Loading/Unloading Operations	N/A	63Y-1	40 CFR Part 63, Subpart Y	No changing attributes.



Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
55BLW#007	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
55BLW#010	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
55BRN#HRSG	Boilers/Steam Generators/Steam Generating Units	N/A	60DB-1	40 CFR Part 60, Subpart Db	Facility Type = The affected facility includes a fuel gas combustion device., Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device., Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices., D-Series Fuel Type #1 = Gaseous fossil fuel other than natural gas and coal-derived synthetic fuel meeting the definition of natural gas., Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J., Fuel Heat Input = The heat input is greater than 30% from combustion of coal and oil in the duct burner and heat input is less than 70% from the exhaust gases entering the duct burner.

# Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
55BRN#HRSG	Boilers/Steam Generators/Steam Generating Units	N/A	60DB-4	40 CFR Part 60, Subpart Db	Facility Type = The affected facility does not include a fuel gas combustion device., Heat Input Gas/Oil = The facility does not combust natural gas or distillate oil in excess of 30 % of the heat input from the combustion of all fuels., D-Series Fuel Type #1 = Natural gas., Subpart J = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart J., Subpart E = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart E.
55BRN#HRSG	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-1	40 CFR Part 60, Subpart J	No changing attributes.
55STK_001	Emission Points/Stationary Vents/Process Vents	N/A	111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
55TRB#GTG	Stationary Turbines	N/A	60GG-1	40 CFR Part 60, Subpart GG	Fuel Type Fired = Natural gas meeting the definition in § 60.331(u)., Fuel Monitoring Schedule = Fuel meets the definition of natural gas in 40 CFR § 60.331(u) and is not monitored.
55TRB#GTG	Stationary Turbines	N/A	60GG-4	40 CFR Part 60, Subpart GG	Fuel Type Fired = Gaseous fuel other than natural gas., Fuel Monitoring Schedule = Using a custom fuel monitoring schedule approved by the Administrator as required by 40 CFR § 60.334(i)(3).
55TRB#GTG	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-2	40 CFR Part 60, Subpart J	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
56BLR#025	Boilers/Steam Generators/Steam Generating Units	N/A	60DB-5	40 CFR Part 60, Subpart Db	No changing attributes.
56BLR#025	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60JA-3	40 CFR Part 60, Subpart Ja	No changing attributes.
56BLR#025	Boilers/Steam Generators/Steam Generating Units	N/A	63DDDDDD-5	40 CFR Part 63, Subpart DDDDDD	No changing attributes.
56BLR#026	Boilers/Steam Generators/Steam Generating Units	N/A	60DB-5	40 CFR Part 60, Subpart Db	No changing attributes.
56BLR#026	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60JA-3	40 CFR Part 60, Subpart Ja	No changing attributes.
56BLR#026	Boilers/Steam Generators/Steam Generating Units	N/A	63DDDDDD-5	40 CFR Part 63, Subpart DDDDDD	No changing attributes.
56BLW#007	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
56STK_025	Emission Points/Stationary Vents/Process Vents	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
56STK_026	Emission Points/Stationary Vents/Process Vents	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
57BLR#033	Boilers/Steam Generators/Steam Generating Units	N/A	117-13	30 TAC Chapter 117, Subchapter B	No changing attributes.
57BLR#033	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD32	40 CFR Part 60, Subpart J	No changing attributes.
57BLR#033	Boilers/Steam Generators/Steam Generating Units	N/A	63DDDDDD-2	40 CFR Part 63, Subpart DDDDDD	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
57BLR#034	Boilers/Steam Generators/Steam Generating Units	N/A	117-14	30 TAC Chapter 117, Subchapter B	No changing attributes.
57BLR#034	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-CD33	40 CFR Part 60, Subpart J	No changing attributes.
57BLR#034	Boilers/Steam Generators/Steam Generating Units	N/A	63DDDDDD-2	40 CFR Part 63, Subpart DDDDD	No changing attributes.
57STK_033	Emission Points/Stationary Vents/Process Vents	N/A	111-7	30 TAC Chapter 111, Visible Emissions	No changing attributes.
57STK_034	Emission Points/Stationary Vents/Process Vents	N/A	111-8	30 TAC Chapter 111, Visible Emissions	No changing attributes.
60FLR#001	Flares	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
60FLR#001	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
60FLR#001	Flares	N/A	63A-1	40 CFR Part 63, Subpart CC	No changing attributes.
60FLR#002	Flares	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
60FLR#002	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
60FLR#002	Flares	N/A	63A-2	40 CFR Part 63, Subpart CC	No changing attributes.
60FLR#003	Flares	N/A	R1111-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.
60FLR#003	Flares	N/A	60A-3	40 CFR Part 60, Subpart A	No changing attributes.
60FLR#003	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
60FLR#004	Flares	N/A	R1111-4	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
60FLR#004	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
60FLR#004	Flares	N/A	63A-3	40 CFR Part 63, Subpart CC	No changing attributes.
60FLR#005	Flares	N/A	R1111-5	30 TAC Chapter 111, Visible Emissions	No changing attributes.
60FLR#005	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
60FLR#005	Flares	N/A	63A-4	40 CFR Part 63, Subpart CC	No changing attributes.
60FLR#006	Flares	N/A	R1111-6	30 TAC Chapter 111, Visible Emissions	No changing attributes.
60FLR#006	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
60FLR#006	Flares	N/A	63A-5	40 CFR Part 63, Subpart CC	No changing attributes.
60FLR#008	Flares	N/A	R1111-8	30 TAC Chapter 111, Visible Emissions	No changing attributes.
60FLR#008	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
60FLR#008	Flares	N/A	63A-7	40 CFR Part 63, Subpart CC	No changing attributes.
60FLR#009	Flares	N/A	111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
60FLR#009	Flares	N/A	63A-1	40 CFR Part 63, Subpart A	No changing attributes.
60FLR#010	Flares	N/A	R1111-9	30 TAC Chapter 111, Visible Emissions	No changing attributes.
60FLR#010	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60Ja-1	40 CFR Part 60, Subpart Ja	No changing attributes.
60FLR#010	Flares	N/A	63A-8	40 CFR Part 63, Subpart CC	No changing attributes.
60FLR#012	Flares	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
60FLR#012	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60JA-1	40 CFR Part 60, Subpart Ja	No changing attributes.
60FLR#012	Flares	N/A	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.
60FUG#001	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
60FUG#002	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
60FUG#003	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
61BRN#001	Boilers/Steam Generators/Steam Generating Units	N/A	60DB-1	40 CFR Part 60, Subpart Db	No changing attributes.
61BRN#001	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-1	40 CFR Part 60, Subpart J	No changing attributes.
61BRN#002	Boilers/Steam Generators/Steam Generating Units	N/A	60DB-2	40 CFR Part 60, Subpart Db	No changing attributes.
61BRN#002	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-2	40 CFR Part 60, Subpart J	No changing attributes.
61BRN#003	Boilers/Steam Generators/Steam Generating Units	N/A	60DB-3	40 CFR Part 60, Subpart Db	No changing attributes.
61BRN#003	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-3	40 CFR Part 60, Subpart J	No changing attributes.
61STK_001	Emission Points/Stationary Vents/Process Vents	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
61STK_002	Emission Points/Stationary Vents/Process Vents	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
61STK_003	Emission Points/Stationary Vents/Process Vents	N/A	R1111-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.
61TLO#GTG1	Storage Tanks/Vessels	N/A	R5112-258	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
61TLO#GTG2	Storage Tanks/Vessels	N/A	R5112-259	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
61TLO#GTG3	Storage Tanks/Vessels	N/A	R5112-260	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
61TRB#001	Stationary Turbines	N/A	60GG-1	40 CFR Part 60, Subpart GG	No changing attributes.
61TRB#002	Stationary Turbines	N/A	60GG-2	40 CFR Part 60, Subpart GG	No changing attributes.
61TRB#003	Stationary Turbines	N/A	60GG-3	40 CFR Part 60, Subpart GG	No changing attributes.
62ENG#001	SRIC Engines	N/A	60III-5	40 CFR Part 60, Subpart IIII	No changing attributes.
62ENG#001	SRIC Engines	N/A	63ZZZZ-5	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
62REM#001	Miscellaneous Units	N/A	63GGGGG-1	40 CFR Part 63, Subpart GGGGG	No changing attributes.
63BLR#001	Boilers/Steam Generators/Steam Generating Units	N/A	63DDDDD-3	40 CFR Part 63, Subpart DDDDD	No changing attributes.
63BLR#002	Boilers/Steam Generators/Steam Generating Units	N/A	63DDDDD-3	40 CFR Part 63, Subpart DDDDD	No changing attributes.
63SMP#002	Storage Tanks/Vessels	N/A	63EEEE-8	40 CFR Part 63, Subpart EEEE	No changing attributes.
63TFX#005	Storage Tanks/Vessels	N/A	R5112-263	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
63TIF#004	Storage Tanks/Vessels	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
63TIF#004	Storage Tanks/Vessels	N/A	61FF-18	40 CFR Part 61, Subpart FF	No changing attributes.
63TIF#004	Storage Tanks/Vessels	N/A	63EEEE-8	40 CFR Part 63, Subpart EEEE	No changing attributes.
63TIF#1373	Storage Tanks/Vessels	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
63TIF#1373	Storage Tanks/Vessels	N/A	61FF-18	40 CFR Part 61, Subpart FF	No changing attributes.
63TIF#1373	Storage Tanks/Vessels	N/A	63EEEE-8	40 CFR Part 63, Subpart EEEE	No changing attributes.
65BLW#001	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
65HTR#001	Process Heaters/Furnaces	N/A	63DDDDD-1	40 CFR Part 63, Subpart DDDDD	No changing attributes.
66BLW#008	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
67ENG#005	SRIC Engines	N/A	60IIII-1	40 CFR Part 60, Subpart IIII	No changing attributes.
67ENG#005	SRIC Engines	N/A	63ZZZZ-4	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
67ENG#006	SRIC Engines	N/A	60IIII-2	40 CFR Part 60, Subpart IIII	No changing attributes.
67ENG#006	SRIC Engines	N/A	63ZZZZ-5	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
67ENG#009	SRIC Engines	N/A	60IIII-2	40 CFR Part 60, Subpart IIII	No changing attributes.
67ENG#009	SRIC Engines	N/A	63ZZZZ-5	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
67ENG#010	SRIC Engines	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
67ENG#014	SRIC Engines	N/A	60IIII-1	40 CFR Part 60, Subpart IIII	No changing attributes.
67ENG#014	SRIC Engines	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.



Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
67ENG#017	SRIC Engines	N/A	60IIII-1	40 CFR Part 60, Subpart IIII	No changing attributes.
67ENG#017	SRIC Engines	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
69HTR#001	Process Heaters/Furnaces	N/A	63DDDDD-5	40 CFR Part 63, Subpart DDDDD	No changing attributes.
69HTR#002	Process Heaters/Furnaces	N/A	63DDDDD-5	40 CFR Part 63, Subpart DDDDD	No changing attributes.
70BLW#012	Fugitive Emission Units	N/A	60GGGA-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
70CTL#032	Industrial Process Cooling Towers	N/A	63CC-HES1	40 CFR Part 63, Subpart CC	No changing attributes.
70HTR#001	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60JA-3	40 CFR Part 60, Subpart Ja	No changing attributes.
70HTR#001	Process Heaters/Furnaces	N/A	63DDDDD-5	40 CFR Part 63, Subpart DDDDD	No changing attributes.
70STK_001	Emission Points/Stationary Vents/Process Vents	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
70TEF#4208	Storage Tanks/Vessels	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
70TEF#4208	Storage Tanks/Vessels	N/A	60Kb-5	40 CFR Part 60, Subpart Kb	No changing attributes.
70TEF#4208	Storage Tanks/Vessels	N/A	61FF-16	40 CFR Part 61, Subpart FF	No changing attributes.
70TEF#4208	Storage Tanks/Vessels	N/A	63CC-8	40 CFR Part 63, Subpart CC	No changing attributes.
70TEF#5033	Storage Tanks/Vessels	N/A	R5112-59	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
70TEF#5033	Storage Tanks/Vessels	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
70TFX#5035	Storage Tanks/Vessels	N/A	R5112-59	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
70TFX#5035	Storage Tanks/Vessels	N/A	63EEEE-5	40 CFR Part 63, Subpart EEEE	No changing attributes.
70TFX#5036	Storage Tanks/Vessels	N/A	R5112-59	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
70TFX#5036	Storage Tanks/Vessels	N/A	63EEEE-5	40 CFR Part 63, Subpart EEEE	No changing attributes.
70TFX#5037	Storage Tanks/Vessels	N/A	R5112-59	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
70TFX#5037	Storage Tanks/Vessels	N/A	63EEEE-5	40 CFR Part 63, Subpart EEEE	No changing attributes.
71HTR#001	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60JA-4	40 CFR Part 60, Subpart Ja	No changing attributes.
71HTR#001	Process Heaters/Furnaces	N/A	63DDDDD-5	40 CFR Part 63, Subpart DDDDD	No changing attributes.
71HTR#002	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60JA-4	40 CFR Part 60, Subpart Ja	No changing attributes.
71HTR#002	Process Heaters/Furnaces	N/A	63DDDDD-5	40 CFR Part 63, Subpart DDDDD	No changing attributes.
72HTR#001	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60JA-4	40 CFR Part 60, Subpart Ja	No changing attributes.
72HTR#001	Process Heaters/Furnaces	N/A	63DDDDD-5	40 CFR Part 63, Subpart DDDDD	No changing attributes.
72HTR#002	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60JA-4	40 CFR Part 60, Subpart Ja	No changing attributes.
72HTR#002	Process Heaters/Furnaces	N/A	63DDDDD-5	40 CFR Part 63, Subpart DDDDD	No changing attributes.
74LBS#001	Loading/Unloading Operations	N/A	63Y-1	40 CFR Part 63, Subpart Y	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
74LBS#001	Loading/Unloading Operations	N/A	63CC-3	40 CFR Part 63, Subpart CC	No changing attributes.
PRO62SBLSP	Surface Coating Operations	N/A	R5421-1	30 TAC Chapter 115, Surface Coating Operations	No changing attributes.
PRO-CUCBRU	Treatment Process	N/A	61FF-1	40 CFR Part 61, Subpart FF	No changing attributes.
PROFCCU	FCCU Cat Regen	N/A	63UUU-04	40 CFR Part 63, Subpart UUU	No changing attributes.
PRO-NBRUST	Treatment Process	N/A	61FF-1	40 CFR Part 61, Subpart FF	No changing attributes.
PROPTR3	Catalytic Reformer	N/A	63UUU-03	40 CFR Part 63, Subpart UUU	No changing attributes.
PROPTR4	Catalytic Reformer	N/A	63UUU-05	40 CFR Part 63, Subpart UUU	No changing attributes.
PRO-SBRUST	Treatment Process	N/A	61FF-1	40 CFR Part 61, Subpart FF	No changing attributes.
PROSRU1	Gas Sweetening/Sulfur Recovery Units	N/A	R1112-2	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
PROSRU1	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-2	40 CFR Part 60, Subpart J	No changing attributes.
PROSRU1	Claus SRU	N/A	63UUU-02	40 CFR Part 63, Subpart UUU	No changing attributes.
PROSRU23	Gas Sweetening/Sulfur Recovery Units	N/A	R1112-1	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
PROSRU23	FCCU Cat Regen/Fuel Gas Combustion/Claus SRU	N/A	60J-1	40 CFR Part 60, Subpart J	No changing attributes.
PROSRU23	Claus SRU	N/A	63UUU-01	40 CFR Part 63, Subpart UUU	No changing attributes.
REFFUG#001	Fugitive Emission Units	N/A	R5352-1	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.

# Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
REFFUG#001	Fugitive Emission Units	N/A	60GGG-CD1	40 CFR Part 60, Subpart GGG	No changing attributes.
REFFUG#001	Fugitive Emission Units	N/A	60GGGa-1	40 CFR Part 60, Subpart GGGa	No changing attributes.
REFFUG#001	Fugitive Emission Units	N/A	63CC-1	40 CFR Part 63, Subpart CC	No changing attributes.

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
01BLW#006	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
02BLW#007	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
02CTL#017	EU	63CC-HES1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.654(c)(6) § 63.654(c)(6)(ii) [G]§ 63.654(d) § 63.654(e) § 63.654(f) § 63.654(f)(1) § 63.654(f)(2) § 63.654(f)(3) § 63.654(f)(3)(ii)	Except as specified in paragraph (b) of this section, the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of paragraphs (c) through (g) of this section.	§ 63.654(c) § 63.654(c)(1) § 63.654(c)(1)(i) § 63.654(c)(1)(ii) § 63.654(c)(3) § 63.654(c)(4) § 63.654(c)(4)(i) § 63.654(e)	[G]§ 63.654(g)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
02ENG#001	EU	60IIII-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
02ENG#001	EU	60IIII-1	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 75 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2013 model year must comply with an NMHC+NO <sub>x</sub> emission limit of 4.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
02ENG#001	EU	60IIII-1	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None
02ENG#001	EU	60IIII-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 75 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2011 model year must comply with a PM emission limit of 0.30g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
02ENG#001	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c) § 63.6590(c)(7)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
02TFX#4191	EU	R5112-60	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
02TFX#4191	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
02TFX#4192	EU	R5112-61	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
02TFX#4192	EU	63CC-4	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
02TFX#4193	EU	R5112-62	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
02TFX#4194	EU	R5112-63	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
03BLW#007	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04BLW#004	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
04CTL#006	EU	63CC-HES1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.654(c)(6) § 63.654(c)(6)(ii) [G]§ 63.654(d) § 63.654(e) § 63.654(f) § 63.654(f)(1) § 63.654(f)(2) § 63.654(f)(3) § 63.654(f)(3)(ii)	Except as specified in paragraph (b) of this section, the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of paragraphs (c) through (g) of this section.	§ 63.654(c) § 63.654(c)(1) § 63.654(c)(1)(i) § 63.654(c)(1)(ii) § 63.654(c)(3) § 63.654(c)(4) § 63.654(c)(4)(i) § 63.654(e)	[G]§ 63.654(g)	None
04HTR#001	EU	R7ICI-1	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04HTR#001	EU	R7ICI-1	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
04HTR#001	EU	60J-CD1	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

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04HTR#001	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04HTR#002	EU	R7ICI-2	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04HTR#002	EU	R7ICI-2	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
04HTR#002	EU	60J-CD2	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104(a)	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04HTR#002	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04HTR#003	EU	R7ICI-3	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04HTR#003	EU	R7ICI-3	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
04HTR#003	EU	60J-CD3	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04HTR#003	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04HTR#004	EU	R7ICI-4	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04HTR#004	EU	R7ICI-4	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
04HTR#004	EU	60J-1	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

# Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04HTR#004	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
04TFX#0425	EU	R5112-64	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
04TFX#0425	EU	60K-1	VOC	40 CFR Part 60, Subpart K	§ 60.110(c) § 60.110(c)(2)	Facilities under §60.110(a) of this section with a capacity, construction or modification date as given in §60.110(c)(1) or §60.110(c)(2) are subject to the requirements of this section.	§ 60.113(a) § 60.113(b)	§ 60.113(a)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04TFX#0426	EU	R5112-65	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
04TFX#0426	EU	60K-2	VOC	40 CFR Part 60, Subpart K	§ 60.110(c) § 60.110(c)(2)	Facilities under §60.110(a) of this section with a capacity, construction or modification date as given in §60.110(c)(1) or §60.110(c)(2) are subject to the requirements of this section.	§ 60.113(a) § 60.113(b)	§ 60.113(a)	None
04TFX#100	EU	R5112-261	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
04TFX#1341	EU	R5112-66	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
04TFX#1341	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§63.640(c)(2)	Facilities under §60.110(a) of this section with a capacity, construction or modification date as given in §60.110(c)(1) or §60.110(c)(2) are subject to the requirements of this section.	None	§63.655(i) §63.655(i)(1) §63.655(i)(1)(vi)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04TFX#4024	EU	R5112-68	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
04TFX#4024	EU	63CC-4	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
04TFX#4025	EU	63CC-5	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
04TFX#4026	EU	R5112-70	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
04TFX#4026	EU	60Kb-1	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3)	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	[G]§ 60.113b(c)(1) § 60.113b(c)(2) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 60.116b(g) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b [G]§ 60.115b(c) § 60.116b(a) § 60.116b(b)	[G]§ 60.113b(c)(1) § 60.115b

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04TFX#4026	EU	61FF-1	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(c) § 61.349(c)(1) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(c) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(e) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(11) § 61.356(j)(2) § 61.356(j)(3)(i)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
04TFX#4026	EU	63CC-7	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
04TFX#4028	EU	R5112-71	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04TFX#4028	EU	60Kb-2	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3)	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	[G]§ 60.113b(c)(1) § 60.113b(c)(2) § 60.116b(a) § 60.116b(b) § 60.116b(e) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 60.116b(g) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b [G]§ 60.115b(c) § 60.116b(a) § 60.116b(b)	[G]§ 60.113b(c)(1) § 60.115b
04TFX#4028	EU	61FF-2	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(c) § 61.349(c)(1) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(c) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(e) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(11) § 61.356(j)(2) § 61.356(j)(3)(i)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
04TFX#4028	EU	63CC-8	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04TFX#4029	EU	R5112-72	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
04TFX#4029	EU	60Kb-3	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3)	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	[G]§ 60.113b(c)(1) § 60.113b(c)(2) § 60.116b(a) § 60.116b(b) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 60.116b(g) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b [G]§ 60.115b(c) § 60.116b(a) § 60.116b(b)	[G]§ 60.113b(c)(1) § 60.115b
04TFX#4029	EU	61FF-3	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(c) § 61.349(c)(1) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(c) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(e) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(11) § 61.356(j)(2) § 61.356(j)(3)(i)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04TFX#4029	EU	63CC-9	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(2) [G]§ 60.112b(a)(3)	After the compliance dates specified in paragraph (h) of this section, a Group 1 storage vessel that is also subject to 40 CFR part 60, subpart Kb, is required to comply only with either 40 CFR part 60, subpart Kb, except as provided in paragraph (n)(8) of this section or this subpart.	[G]§ 60.113b(c)(1) § 60.113b(c)(2) § 60.116b(a) § 60.116b(b) § 60.116b(e)(1) § 60.116b(e)(2)(i) § 60.116b(g) [G]§ 60.485(b)	§ 60.115b [G]§ 60.115b(c) § 60.116b(a) § 60.116b(b)	[G]§ 60.113b(c)(1) § 60.115b
04TFX#4125	EU	R5112-246	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
04TFX#4125	EU	63CC-6	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
04TOT#4018	EU	R5112-247	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
04TOT#4019	EU	R5112-248	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117(a)	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04TVV#001	EP	63CC-30	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(c) § 63.643(a) [G]§ 63.643(c)(1) § 63.643(c)(3) § 63.643(d)	The owner or operator must comply with the applicable requirements in paragraphs (c)(1) through (3) of this section for each maintenance vent according to the compliance dates specified in table 11 of this subpart, unless an extension is requested in accordance with the provisions in §63.6(i).	§ 63.643(c)(2)	None	None
04TVV#002	EP	63CC-30	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(c) § 63.643(a) [G]§ 63.643(c)(1) § 63.643(c)(3) § 63.643(d)	The owner or operator must comply with the applicable requirements in paragraphs (c)(1) through (3) of this section for each maintenance vent according to the compliance dates specified in table 11 of this subpart, unless an extension is requested in accordance with the provisions in §63.6(i).	§ 63.643(c)(2)	None	None
04TVV#003	EP	63CC-30	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(c) § 63.643(a) [G]§ 63.643(c)(1) § 63.643(c)(3) § 63.643(d)	The owner or operator must comply with the applicable requirements in paragraphs (c)(1) through (3) of this section for each maintenance vent according to the compliance dates specified in table 11 of this subpart, unless an extension is requested in accordance with the provisions in §63.6(i).	§ 63.643(c)(2)	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04TVV#004	EP	63CC-30	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(c) § 63.643(a) [G]§ 63.643(c)(1) § 63.643(c)(3) § 63.643(d)	The owner or operator must comply with the applicable requirements in paragraphs (c)(1) through (3) of this section for each maintenance vent according to the compliance dates specified in table 11 of this subpart, unless an extension is requested in accordance with the provisions in §63.6(i).	§ 63.643(c)(2)	None	None
04TVV#005	EP	63CC-30	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(c) § 63.643(a) [G]§ 63.643(c)(1) § 63.643(c)(3) § 63.643(d)	The owner or operator must comply with the applicable requirements in paragraphs (c)(1) through (3) of this section for each maintenance vent according to the compliance dates specified in table 11 of this subpart, unless an extension is requested in accordance with the provisions in §63.6(i).	§ 63.643(c)(2)	None	None
04TVV#006	EP	63CC-30	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(c) § 63.643(a) [G]§ 63.643(c)(1) § 63.643(c)(3) § 63.643(d)	The owner or operator must comply with the applicable requirements in paragraphs (c)(1) through (3) of this section for each maintenance vent according to the compliance dates specified in table 11 of this subpart, unless an extension is requested in accordance with the provisions in §63.6(i).	§ 63.643(c)(2)	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04TVV#007	EP	63CC-30	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(c) § 63.643(a) [G]§ 63.643(c)(1) § 63.643(c)(3) § 63.643(d)	The owner or operator must comply with the applicable requirements in paragraphs (c)(1) through (3) of this section for each maintenance vent according to the compliance dates specified in table 11 of this subpart, unless an extension is requested in accordance with the provisions in §63.6(i).	§ 63.643(c)(2)	None	None
04TVV#008	EP	63CC-30	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(c) § 63.643(a) [G]§ 63.643(c)(1) § 63.643(c)(3) § 63.643(d)	The owner or operator must comply with the applicable requirements in paragraphs (c)(1) through (3) of this section for each maintenance vent according to the compliance dates specified in table 11 of this subpart, unless an extension is requested in accordance with the provisions in §63.6(i).	§ 63.643(c)(2)	None	None
04TVV#009	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(1) § 115.121(a) § 115.122(a)(1) § 115.122(a)(1)(B)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1)(A)(iii)	§ 115.126(1)(A)(iii) § 115.126(2)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04TVV#009	EP	63CC-15	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(2) § 63.644(c) § 63.644(c)(2) § 63.644(e) § 63.645(a) § 63.645(b) § 63.645(i)	None	None
04TVV#016	EP	63CC-30	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(c) § 63.643(a) [G]§ 63.643(c)(1) § 63.643(c)(3) § 63.643(d)	The owner or operator must comply with the applicable requirements in paragraphs (c)(1) through (3) of this section for each maintenance vent according to the compliance dates specified in table 11 of this subpart, unless an extension is requested in accordance with the provisions in §63.6(i).	§ 63.643(c)(2)	None	None
04TVV#022	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(1) § 115.121(a) § 115.122(a)(1) § 115.122(a)(1)(B)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1)(A)(iii)	§ 115.126(1)(A)(iii) § 115.126(2)	None
04TVV#022	EP	63CC-12	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(2) § 63.644(c) § 63.644(c)(2) § 63.644(e) § 63.645(a) § 63.645(b) § 63.645(i)	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04TVV#030	EP	63CC-30	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(c) § 63.643(a) [G]§ 63.643(c)(1) § 63.643(c)(3) § 63.643(d)	The owner or operator must comply with the applicable requirements in paragraphs (c)(1) through (3) of this section for each maintenance vent according to the compliance dates specified in table 11 of this subpart, unless an extension is requested in accordance with the provisions in §63.6(i).	§ 63.643(c)(2)	None	None
04TVV#042	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(1) § 115.121(a) § 115.122(a)(1) § 115.122(a)(1)(B)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1)(A)(iii)	§ 115.126(1)(A)(iii) § 115.126(2)	None
04TVV#042	EP	63CC-13	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(2) § 63.644(c) § 63.644(c)(2) § 63.644(e) § 63.645(a) § 63.645(b) § 63.645(i)	None	None



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
04TVV#044	EP	63CC-30	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(c) § 63.643(a) [G]§ 63.643(c)(1) § 63.643(c)(3) § 63.643(d)	The owner or operator must comply with the applicable requirements in paragraphs (c)(1) through (3) of this section for each maintenance vent according to the compliance dates specified in table 11 of this subpart, unless an extension is requested in accordance with the provisions in §63.6(i).	§ 63.643(c)(2)	None	None
04TVV#702	EP	63CC-30	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(c) § 63.643(a) [G]§ 63.643(c)(1) § 63.643(c)(3) § 63.643(d)	The owner or operator must comply with the applicable requirements in paragraphs (c)(1) through (3) of this section for each maintenance vent according to the compliance dates specified in table 11 of this subpart, unless an extension is requested in accordance with the provisions in §63.6(i).	§ 63.643(c)(2)	None	None
05BLW#003	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
05BLW#005	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
05CTL#026	EU	63CC-HES1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.654(c)(6) § 63.654(c)(6)(ii) [G]§ 63.654(d) § 63.654(e) § 63.654(f) § 63.654(f)(1) § 63.654(f)(2) § 63.654(f)(3) § 63.654(f)(3)(iii)	Except as specified in paragraph (b) of this section, the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of paragraphs (c) through (g) of this section.	§ 63.654(c) § 63.654(c)(1) § 63.654(c)(1)(i) § 63.654(c)(1)(ii) § 63.654(c)(3) § 63.654(c)(4) § 63.654(c)(4)(i) § 63.654(e)	[G]§ 63.654(g)	None

# Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
05HTR#001	EU	117-1	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(1) § 117.110(b)(1)(B) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(1)§ 117.115(b)(1)(B) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(3)(A) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(2) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.140(c)(1) § 117.140(c)(1)(B) § 117.140(c)(3) [G]§ 117.140(c)(3)(A) § 117.140(c)(3)(B) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8100(a)(6)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2) [G]§ 117.145(f)(2)(B) § 117.145(f)(8) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
05HTR#001	EU	117-1	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.140(d) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2)(B) § 117.145(f)(7) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
05HTR#001	EU	60J-1	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
05HTR#001	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
05HTR#002	EU	117-2	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
05HTR#002	EU	117-2	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
05HTR#002	EU	60J-2	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
05HTR#002	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
05HTR#004	EU	117-3	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
05HTR#004	EU	117-3	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
05HTR#004	EU	60J-3	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
05HTR#004	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
05OWS#PDM1	EU	115-6	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(3) § 115.131(a)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(a) of this title.	[G]§ 115.135(a) § 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	None
05OWS#PDM2	EU	115-7	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(3) § 115.131(a)	VOC water separator compartments must be equipped with a vapor recovery system which satisfies the provisions of §115.131(a) of this title.	[G]§ 115.135(a) § 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	§ 115.136(a)(2) § 115.136(a)(3) § 115.136(a)(4)	None

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05TFX#165C	EU	R5112-249	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
05TFX#165C	EU	63EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b)(1)	Except as provided in paragraph (c) of this section, the affected source is the collection of activities and equipment used to distribute organic liquids into, out of, or within a facility that is a major source of HAP. The affected source is composed of all storage tanks storing organic liquids.	None	§ 63.2343(a)	None
05TFX#192C	EU	R5112-250	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
05TFX#4196	EU	R5112-59	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
05TFX#4196	EU	63EEEE-5	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2343(b)	For each storage tank subject to this subpart having a capacity of 18.9 cubic meters (5,000 gallons) or more that is not subject to control based on the criteria specified in Table 2 to this subpart, items 1 through 6, you must comply with the requirements specified in paragraphs (b)(1) through (3) of this section.	None	§ 63.2343(b)(3)	§ 63.2343(b)(2)(i) § 63.2343(b)(2)(ii) § 63.2343(d) § 63.2343(d)(1) § 63.2343(d)(4) § 63.2386(b) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)(3)
05TFX#4197	EU	R5112-59	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
05TFX#4197	EU	63EEEE-1	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b)(1)	Except as provided in paragraph (c) of this section, the affected source is the collection of activities and equipment used to distribute organic liquids into, out of, or within a facility that is a major source of HAP. The affected source is composed of all storage tanks storing organic liquids.	None	§ 63.2343(a)	None
05TOT#048	EU	R5112-258	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
05TOT#048	EU	63EEEE-9	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b)(1)	Except as provided in paragraph (c) of this section, the affected source is the collection of activities and equipment used to distribute organic liquids into, out of, or within a facility that is a major source of HAP. The affected source is composed of all storage tanks storing organic liquids.	None	§ 63.2343(a)	None
06BLR#001	EU	60J-CD4	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
06BLW#008	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
06CTL#001	EU	63CC-HES1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.654(c)(6) § 63.654(c)(6)(ii) [G]§ 63.654(d) § 63.654(e) § 63.654(f) § 63.654(f)(1) § 63.654(f)(2) § 63.654(f)(3) § 63.654(f)(3)(ii)	Except as specified in paragraph (b) of this section, the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of paragraphs (c) through (g) of this section.	§ 63.654(c) § 63.654(c)(1) § 63.654(c)(1)(i) § 63.654(c)(1)(ii) § 63.654(c)(3) § 63.654(c)(4) § 63.654(c)(4)(i) § 63.654(e)	[G]§ 63.654(g)	None

# Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
06HTR#002	EU	R7ICI-1	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(1) § 117.110(b)(1)(B) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(1)(B) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(3)(A) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(2) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.140(c)(1) § 117.140(c)(1)(B) § 117.140(c)(3) [G]§ 117.140(c)(3)(A) § 117.140(c)(3)(B) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8100(a)(6)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2) [G]§ 117.145(f)(2)(B) § 117.145(f)(8) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)



# Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
06HTR#002	EU	R7ICI-1	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.140(d) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2)(B) § 117.145(f)(7) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
06HTR#002	EU	60J-CD5	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
06HTR#002	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
06REG#001	EU	60J-3	CO	40 CFR Part 60, Subpart J	§ 60.103(a) § 60.103	No owner or operator shall discharge or cause the discharge into the atmosphere from any fluid catalytic cracking unit catalyst regenerator any gases that contain carbon monoxide (CO) in excess of 500 ppm by volume (dry basis).	§ 60.105(a) § 60.105(a)(2) § 60.105(a)(2)(i) § 60.105(c) § 60.105(e) § 60.105(e)(2) § 60.106(a) § 60.106(d)	§ 60.105(a)(2) § 60.105(c)	§ 60.105(e) § 60.105(e)(2)
06REG#001	EU	60J-3	PM (Opacity)	40 CFR Part 60, Subpart J	§ 60.102(a)(2) § 60.102	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any fluid catalytic cracking unit catalyst regenerator gases exhibiting greater than 30 percent opacity, except for one six-minute average opacity reading in any one hour period.	§ 60.105(e) § 60.105(e)(1) § 60.106(a) [G]§ 60.106(b)	None	§ 60.105(e) § 60.105(e)(1)
06REG#001	EU	60J-3	PM	40 CFR Part 60, Subpart J	§ 60.102(a)(1) § 60.102	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any fluid catalytic cracking unit catalyst regenerator particulate matter in excess of 1.0 kg/Mg (2.0 lb/ton) of coke burn-off in the catalyst regenerator.	§ 60.105(c) § 60.106(a) [G]§ 60.106(b)	§ 60.105(c)	None

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06STK_002	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
06STK_003	EP	R1111-2	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
06TVV_001	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(1) § 115.121(a) § 115.122(a)(1) § 115.122(a)(1)(B)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1)(A)(iii)	§ 115.126(1)(A)(iii) § 115.126(2)	None
06TVV_001	EP	63CC-9	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(2) § 63.644(c) § 63.644(c)(2) § 63.644(e) § 63.645(a) § 63.645(b) § 63.645(i)	None	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
06TVV_002	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(1) § 115.121(a) § 115.122(a)(1) § 115.122(a)(1)(B)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1)(A)(iii)	§ 115.126(1)(A)(iii) § 115.126(2)	None
06TVV_002	EP	63CC-10	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(2) § 63.644(c) § 63.644(c)(2) § 63.644(e) § 63.645(a) § 63.645(b) § 63.645(i)	None	None
07BLW#008	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
08BLW#007	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
08CTL#013	EU	63CC-HES1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.654(c)(6) § 63.654(c)(6)(ii) [G]§ 63.654(d) § 63.654(e) § 63.654(f) § 63.654(f)(1) § 63.654(f)(2) § 63.654(f)(3) § 63.654(f)(3)(ii)	Except as specified in paragraph (b) of this section, the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of paragraphs (c) through (g) of this section.	§ 63.654(c) § 63.654(c)(1) § 63.654(c)(1)(i) § 63.654(c)(1)(ii) § 63.654(c)(3) § 63.654(c)(4) § 63.654(c)(4)(i) § 63.654(e)	[G]§ 63.654(g)	None
08CTL#021	EU	63CC-HES1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.654(c)(6) § 63.654(c)(6)(ii) [G]§ 63.654(d) § 63.654(e) § 63.654(f) § 63.654(f)(1) § 63.654(f)(2) § 63.654(f)(3) § 63.654(f)(3)(ii)	Except as specified in paragraph (b) of this section, the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of paragraphs (c) through (g) of this section.	§ 63.654(c) § 63.654(c)(1) § 63.654(c)(1)(i) § 63.654(c)(1)(ii) § 63.654(c)(3) § 63.654(c)(4) § 63.654(c)(4)(i) § 63.654(e)	[G]§ 63.654(g)	None
08CTL#033	EU	63CC-HES1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.654(c)(6) § 63.654(c)(6)(ii) [G]§ 63.654(d) § 63.654(e) § 63.654(f) § 63.654(f)(1) § 63.654(f)(2) § 63.654(f)(3) § 63.654(f)(3)(ii)	Except as specified in paragraph (b) of this section, the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of paragraphs (c) through (g) of this section.	§ 63.654(c) § 63.654(c)(1) § 63.654(c)(1)(i) § 63.654(c)(1)(ii) § 63.654(c)(3) § 63.654(c)(4) § 63.654(c)(4)(i) § 63.654(e)	[G]§ 63.654(g)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
08VNT_001	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(1) § 115.121(a) § 115.122(a)(1) § 115.122(a)(1)(B)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1)(A)(iii)	§ 115.126(1)(A)(iii) § 115.126(2)	None
09BLW#007	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
10BLW#007	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
10VNT_001	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(1) § 115.121(a) § 115.122(a)(1) § 115.122(a)(1)(B)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1)(A)(iii)	§ 115.126(1)(A)(iii) § 115.126(2)	None
10VNT_001	EP	63CC-20	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(2) § 63.644(c) § 63.644(c)(2) § 63.644(e) § 63.645(a) § 63.645(b) § 63.645(i)	None	None
11BLW#007	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
11TVV_001	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(1) § 115.121(a) § 115.122(a)(1) § 115.122(a)(1)(B)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1)(A)(iii)	§ 115.126(1)(A)(iii) § 115.126(2)	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
11TVV_001	EP	63CC-21	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(2) § 63.644(c) § 63.644(c)(2) § 63.644(e) § 63.645(a) § 63.645(b) § 63.645(i)	None	None
12BLW#007	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
12TVV_001	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a)(1) § 115.121(a) § 115.122(a)(1) § 115.122(a)(1)(B)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1)(A)(iii)	§ 115.126(1)(A)(iii) § 115.126(2)	None
12TVV_001	EP	63CC-22	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a) § 63.643(a)(1)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(2) § 63.644(c) § 63.644(c)(2) § 63.644(e) § 63.645(a) § 63.645(b) § 63.645(i)	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
13BLW#005	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
14BLW#008	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
15BLW#001	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
15CTL#018	EU	63CC-HES1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.654(c)(6) § 63.654(c)(6)(ii) [G]§ 63.654(d) § 63.654(e) § 63.654(f) § 63.654(f)(1) § 63.654(f)(2) § 63.654(f)(3) § 63.654(f)(3)(ii)	Except as specified in paragraph (b) of this section, the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of paragraphs (c) through (g) of this section.	§ 63.654(c) § 63.654(c)(1) § 63.654(c)(1)(i) § 63.654(c)(1)(ii) § 63.654(c)(3) § 63.654(c)(4) § 63.654(c)(4)(i) § 63.654(e)	[G]§ 63.654(g)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
15ENG#003	EU	60IIII-4	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
15ENG#003	EU	60IIII-4	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 75 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2013 model year must comply with an NMHC+NO <sub>x</sub> emission limit of 4.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
15ENG#003	EU	60IIII-4	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None
15ENG#003	EU	60IIII-4	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 75 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2011 model year must comply with a PM emission limit of 0.30g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
15ENG#003	EU	63ZZZZ-2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c) § 63.6590(c)(7)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
15HTR#001	EU	R7ICI-1	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
15HTR#001	EU	R7ICI-1	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
15HTR#001	EU	60J-CD7	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

# Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
15HTR#001	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
16BLR#002	EU	R7ICI-2	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
16BLR#002	EU	R7ICI-2	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
16BLR#002	EU	60J-CD1	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
16BLR#002	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements  (30 TAC § 122.144)	Reporting Requirements  (30 TAC § 122.145)
16BLW#002	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
16HTR#001	EU	R7ICI-3	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
16HTR#001	EU	R7ICI-3	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
16HTR#001	EU	60J-CD1	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
16HTR#001	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
16TFX#3121	EU	63CC-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
16VNT_001	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5)	§ 115.126(2) § 115.126(4)	None

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16VNT_001	EP	63CC-21	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.642(i) [G]§ 63.642(k)	The owner or operator of an existing source shall demonstrate compliance with the emission standard in paragraph (g) of this section by following the procedures specified in paragraph (k) of this section for all emission points.	§ 63.645(h) § 63.645(h)(1)	None	§ 63.645(h)(2)
17BLW#002	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
17TFX#4007	EU	R5112-75	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
17TFX#4007	EU	63CC-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
17TFX#4008	EU	R5112-76	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
17TFX#4008	EU	63EEEE-5	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2343(b)	For each storage tank subject to this subpart having a capacity of 18.9 cubic meters (5,000 gallons) or more that is not subject to control based on the criteria specified in Table 2 to this subpart, items 1 through 6, you must comply with the requirements specified in paragraphs (b)(1) through (3) of this section.	None	§ 63.2343(b)(3)	§ 63.2343(b)(2)(i) § 63.2343(b)(2)(ii) § 63.2343(d) § 63.2343(d)(1) § 63.2343(d)(4) § 63.2386(b) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)(3)
18BLW#002	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
18SMP#4118	EU	63EEEE-6	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b)(1)	Except as provided in paragraph (c) of this section, the affected source is the collection of activities and equipment used to distribute organic liquids into, out of, or within a facility that is a major source of HAP. The affected source is composed of all storage tanks storing organic liquids.	None	§ 63.2343(a)	None
18TFX#4117	EU	R5112-78	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
18TFX#4117	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
19BLW#005	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
19TEF#1323	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
19TEF#1323	EU	61FF-16	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b(b) [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)
19TEF#1323	EU	63CC-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
19TEF#1332	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
19TEF#1332	EU	61FF-17	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b(b) [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)
19TEF#1332	EU	63CC-2	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
19TIF#0648	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
19TIF#0648	EU	63CC-TK-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
20BLW#003	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
20CTL#005	EU	63CC-HES1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.654(c)(6) § 63.654(c)(6)(ii) [G]§ 63.654(d) § 63.654(e) § 63.654(f) § 63.654(f)(1) § 63.654(f)(2) § 63.654(f)(3) § 63.654(f)(3)(ii)	Except as specified in paragraph (b) of this section, the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of paragraphs (c) through (g) of this section.	§ 63.654(c) § 63.654(c)(1) § 63.654(c)(1)(i) § 63.654(c)(1)(ii) § 63.654(c)(3) § 63.654(c)(4) § 63.654(c)(4)(i) § 63.654(e)	[G]§ 63.654(g)	

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
20HTR#001	EU	60J-CD8	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
20HTR#001	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
20HTR#002	EU	60J-CD9	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
20HTR#002	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
20HTR#003	EU	60J-CD10	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
20HTR#003	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
20HTR#004	EU	R7ICI-4	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(1) § 117.110(b)(1)(B) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(1)(B) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(3)(A) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(2) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.140(c)(1) § 117.140(c)(1)(B) § 117.140(c)(3) [G]§ 117.140(c)(3)(A) § 117.140(c)(3)(B) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8100(a)(6)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2) [G]§ 117.145(f)(2)(B) § 117.145(f)(8) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
20HTR#004	EU	R7ICI-4	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.140(d) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2)(B) § 117.145(f)(7) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
20HTR#004	EU	60J-CD11	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
20HTR#004	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)



# Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
20HTR#005	EU	R7ICI-5	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
20HTR#005	EU	R7ICI-5	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
20HTR#005	EU	60J-CD12	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
20HTR#005	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
20STK_004	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
20TVT#001	EU	R5112-251	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
21BLW#003	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
21HTR#001	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
22BLW#001	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
25BLW#010	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
25CTL#022	EU	63CC-HES1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.654(c)(6) § 63.654(c)(6)(ii) [G]§ 63.654(d) § 63.654(e) § 63.654(f) § 63.654(f)(1) § 63.654(f)(2) § 63.654(f)(3) § 63.654(f)(3)(ii)	Except as specified in paragraph (b) of this section, the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of paragraphs (c) through (g) of this section.	§ 63.654(c) § 63.654(c)(1) § 63.654(c)(1)(i) § 63.654(c)(1)(ii) § 63.654(c)(3) § 63.654(c)(4) § 63.654(c)(4)(i) § 63.654(e)	[G]§ 63.654(g)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
25HTR#001	EU	117-1	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
25HTR#001	EU	117-1	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

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25HTR#001	EU	60J-CD14	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
25HTR#001	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
25HTR#003	EU	60J-CD15	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
25HTR#003	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
25HTR#004	EU	60J-CD16	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
25HTR#004	EU	63DDDDD-3	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7510(j) § 63.7515(d) § 63.7540(a) § 63.7540(a)(12) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
25TFX#2368	EU	63EEEE-2	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b)(1)	Except as provided in paragraph (c) of this section, the affected source is the collection of activities and equipment used to distribute organic liquids into, out of, or within a facility that is a major source of HAP. The affected source is composed of all storage tanks storing organic liquids.	None	§ 63.2343(a)	None
26BLW#002	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
26TFX#4020	EU	R5112-79	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
26TFX#4020	EU	63CC-4	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27BLW#003	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
27BLW#005	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
27CTL#003	EU	63CC-HES1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.654(c)(6) § 63.654(c)(6)(ii) [G]§ 63.654(d) § 63.654(e) § 63.654(f) § 63.654(f)(1) § 63.654(f)(2) § 63.654(f)(3) § 63.654(f)(3)(ii)	Except as specified in paragraph (b) of this section, the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of paragraphs (c) through (g) of this section.	§ 63.654(c) § 63.654(c)(1) § 63.654(c)(1)(i) § 63.654(c)(1)(ii) § 63.654(c)(3) § 63.654(c)(4) § 63.654(c)(4)(i) § 63.654(e)	[G]§ 63.654(g)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27HTR#001	EU	R7ICI-1	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27HTR#001	EU	R7ICI-1	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
27HTR#001	EU	60J-1	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27HTR#001	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27HTR#002	EU	R7ICI-2	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
27HTR#002	EU	R7ICI-2	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements  (30 TAC § 122.144)	Reporting Requirements  (30 TAC § 122.145)
27HTR#002	EU	60J-2	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
27HTR#002	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27HTR#003	EU	R7ICI-3	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(1) § 117.110(b)(1)(A) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(1)(A) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(3)(A) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(1) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.140(c)(1) § 117.140(c)(1)(B) § 117.140(c)(3) [G]§ 117.140(c)(3)(A) § 117.140(c)(3)(B) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8100(a)(6)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2) [G]§ 117.145(f)(2)(B) § 117.145(f)(8) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27HTR#003	EU	R7ICI-3	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.140(d) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2)(B) § 117.145(f)(7) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27HTR#003	EU	60J-3	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
27HTR#003	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27HTR#004	EU	R7ICI-4	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
27HTR#004	EU	R7ICI-4	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
27HTR#004	EU	60J-4	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
27HTR#004	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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27STK_003	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
27TFX#1363	EU	R5112-80	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
27TFX#1363	EU	63CC-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
27TVT#001	EU	R5112-81	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
27TVT#002	EU	R5112-82	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

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27TVT#003	EU	R5112-83	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
27TVT#004	EU	R5112-84	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
27TVT#005	EU	R5112-85	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
27TVT#006	EU	R5112-86	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
28BLW#003	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

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28BLW#005	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
28HTR#001	EU	R7ICI-5	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
28HTR#001	EU	R7ICI-5	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
28HTR#001	EU	60J-5	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
28HTR#001	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
28HTR#002	EU	R7ICI-6	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(2) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
28HTR#002	EU	R7ICI-6	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(a)(1) § 117.140(a)(1)(A) § 117.140(a)(1)(A)(ii) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) § 117.145(b) § 117.145(b)(1) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7)
28HTR#002	EU	60J-6	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
28HTR#002	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
28HTR#003	EU	R7ICI-7	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(f) § 117.115(f)(1) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	[G]§ 117.135(a)(1) § 117.135(a)(3)(A) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(b)(1) § 117.140(b)(3) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8)
28HTR#003	EU	R7ICI-7	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(B) § 117.110(c)(3)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(b)(1) § 117.140(b)(3) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8120 § 117.8120(2) [G]§ 117.8120(2)(A) § 117.8120(2)(B)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
28HTR#003	EU	60J-7	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
28HTR#003	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
28HTR#004	EU	R7ICI-8	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.115(a) § 117.115(b) § 117.115(b)(2) § 117.115(f) § 117.115(f)(1) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	[G]§ 117.135(a)(1) § 117.135(a)(3)(A) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(b)(1) § 117.140(b)(3) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8)
28HTR#004	EU	R7ICI-8	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(B) § 117.110(c)(3)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	[G]§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(e) § 117.135(g) § 117.140(a) § 117.140(b)(1) § 117.140(b)(3) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8120 § 117.8120(2) [G]§ 117.8120(2)(A) § 117.8120(2)(B)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8)



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
28HTR#004	EU	60J-8	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
28HTR#004	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
28STK_003	EP	R1111-2	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
28TVT#001	EU	R5112-87	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
28TVT#002	EU	R5112-88	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
28TVT#003	EU	R5112-89	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
28TVT#004	EU	R5112-90	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
28TVT#005	EU	R5112-91	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
29BLW#002	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
30BLW#002	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
30ENG#001	EU	60IIII-6	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(i) § 60.4211(f)(3) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	
30ENG#001	EU	60IIII-6	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(i) § 60.4211(f)(3) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
30ENG#001	EU	60IIII-6	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(i) § 60.4211(f)(3) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2) and §89.113(a)(1)-(3) and §1039.105(b)(1)-(3).	None	None	
30ENG#001	EU	60IIII-6	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(i) § 60.4211(f)(3) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
30ENG#001	EU	63ZZZZ-5	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6590(b)(1)(i) § 63.6595(c)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(a) § 63.6645(a)(3)
30ENG#002	EU	60IIII-6	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) §60.4211(f)(1) §60.4211(f)(2) §60.4211(f)(2)(i) §60.4211(f)(3) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
30ENG#002	EU	60IIII-6	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) §60.4211(f)(1) §60.4211(f)(2) §60.4211(f)(2)(i) §60.4211(f)(3) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	
30ENG#002	EU	60IIII-6	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) §60.4211(f)(1) §60.4211(f)(2) §60.4211(f)(2)(i) §60.4211(f)(3) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2) and §89.113(a)(1)-(3) and §1039.105(b)(1)-(3).	None	None	

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
30ENG#002	EU	60IIII-6	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) §60.4211(f)(1) §60.4211(f)(2) §60.4211(f)(2)(i) §60.4211(f)(3) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	
30ENG#002	EU	63ZZZZ-5	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6590(b)(1)(i) § 63.6595(c)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(a) § 63.6645(a)(3)
32BLW#002	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
32STK_001	EP	R1111-10	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
32TFX#4073	EU	63CC-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
32TFX#4074	EU	63CC-2	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
32TFX#4076	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
33VNT_001	EP	R5121-10	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5)	§ 115.126(2) § 115.126(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36BLW#006	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
36CTL#019	EU	63CC-HES1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.654(c)(6) § 63.654(c)(6)(ii) [G]§ 63.654(d) § 63.654(e) § 63.654(f) § 63.654(f)(1) § 63.654(f)(2) § 63.654(f)(3) § 63.654(f)(3)(iii)	Except as specified in paragraph (b) of this section, the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of paragraphs (c) through (g) of this section.	§ 63.654(c) § 63.654(c)(1) § 63.654(c)(1)(i) § 63.654(c)(1)(ii) § 63.654(c)(3) § 63.654(c)(4) § 63.654(c)(4)(i) § 63.654(e)	[G]§ 63.654(g)	None

# Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36HTR#002	EU	R7ICI-1	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(1) § 117.110(b)(1)(A) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(1)(A) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(3)(A) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(1) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.140(c)(1) [G]§ 117.140(c)(3)(A) § 117.140(c)(1)(B) § 117.140(c)(3) § 117.140(c)(3)(B) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8100(a)(6)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2) [G]§ 117.145(f)(2)(B) § 117.145(f)(8) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36HTR#002	EU	R7ICI-1	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.140(d) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2)(B) § 117.145(f)(7) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36HTR#002	EU	60J-CD17	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
36HTR#002	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36HTR#004	EU	R7ICI-2	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(1) § 117.110(b)(1)(B) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(1)(B) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(3)(A) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(2) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.140(c)(1) [G]§ 117.140(c)(3)(A) § 117.140(c)(1)(B) § 117.140(c)(3) § 117.140(c)(3)(B) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8100(a)(6)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2) [G]§ 117.145(f)(2)(B) § 117.145(f)(8) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

# Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36HTR#004	EU	R7ICI-2	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.140(d) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2)(B) § 117.145(f)(7) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36HTR#004	EU	60J-CD18	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf).	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
36HTR#004	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36HTR#006	EU	R7ICI-3	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(1) § 117.110(b)(1)(B) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(1) § 117.115(b)(1)(B) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(f) § 117.135(f)(2) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8100(a)(6)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2) § 117.145(f)(2)(A) § 117.145(f)(8) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

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36HTR#006	EU	R7ICI-3	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(b) § 117.140(b)(1) § 117.140(b)(1)(B) § 117.140(b)(3) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(7) § 117.145(f)(8) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36HTR#006	EU	60Ja-2	NOx	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(2) § 60.102a(g)(2)(ii) § 60.102a(g)(2)(ii)(A) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(ii)	For each process heater with a rated capacity of greater than 40 MMBtu/hr on a higher heating value basis, the owner or operator shall not discharge to the atmosphere any emissions of NO <sub>x</sub> in excess of 40 ppmv (dry basis, corrected to 0-percent excess air) determined daily on a 30-day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5)	§ 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.108a(a)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
36HTR#006	EU	60Ja-2	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.102a(g)(1)(ii) § 60.103a(c) § 60.103a(c)(2) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) § 60.103a(e) § 60.103a(e)(1) § 60.103a(e)(2) § 60.103a(e)(3) § 60.107a(i) § 60.107a(i)(1)(ii)	The owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H <sub>2</sub> S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(j) [G]§ 60.104a(j)(4) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(a)(3) § 60.107a(a)(3)(i) § 60.107a(a)(3)(ii) § 60.107a(a)(3)(iii)	§ 60.103a(d)(5) § 60.103a(e)(1) § 60.103a(e)(3) § 60.107a(a)(2) § 60.108a(a) § 60.108a(c) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

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36HTR#006	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36HTR#007	EU	R7ICI-4	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(2) § 117.110(b) § 117.110(b)(1) § 117.110(b)(1)(B) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(1) § 117.115(b)(1)(B) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(2) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8100(a)(6)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(8) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36HTR#007	EU	R7ICI-4	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any process heater subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(d) § 117.135(g) § 117.140(a) § 117.140(a)(2)(A) § 117.140(d) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	§ 117.145(a) § 117.145(f) § 117.145(f)(1)  § 117.145(f)(7) § 117.145(f)(8) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)
36HTR#007	EU	60Ja-2	NO <sub>x</sub>	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(2) § 60.102a(g)(2)(ii) § 60.102a(g)(2)(ii)(A) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(ii)	For each process heater with a rated capacity of greater than 40 MMBtu/hr on a higher heating value basis, the owner or operator shall not discharge to the atmosphere any emissions of NO <sub>x</sub> in excess of 40 ppmv (dry basis, corrected to 0-percent excess air) determined daily on a 30-day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5)	§ 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.108a(a)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36HTR#007	EU	60Ja-2	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.102a(g)(1)(ii) § 60.103a(c) § 60.103a(c)(2) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) § 60.103a(e) § 60.103a(e)(1) § 60.103a(e)(2) § 60.103a(e)(3) § 60.107a(i) § 60.107a(i)(1)(ii)	The owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H <sub>2</sub> S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(j) [G]§ 60.104a(j)(4) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(a)(3) § 60.107a(a)(3)(i) § 60.107a(a)(3)(ii) § 60.107a(a)(3)(iii)	§ 60.103a(d)(5) § 60.103a(e)(1) § 60.103a(e)(3) § 60.107a(a)(2) § 60.108a(a) § 60.108a(c) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36HTR#007	EU	63DDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
36OWS#001	EU	R5131-1	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(1)	VOC water separators must have each compartment totally enclosed with all openings sealed. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(a) § 115.136(a)(3) § 115.136(a)(4) ** See Periodic Monitoring Summary	§ 115.136(a)(3) § 115.136(a)(4)	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
36TVV_011	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a) § 115.121(a)(1) § 115.122(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5) § 115.126(1)(C) ** See Periodic Monitoring Summary	§ 115.126(1)(C) § 115.126(2)	None
36TVV_011	EP	R5121-2	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a) § 115.121(a)(1) § 115.122(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5) § 115.126(1)(C) ** See Periodic Monitoring Summary	§ 115.126(1)(C) § 115.126(2)	None
36TVV_011	EP	63CC-5	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a)(2) § 63.643(a) § 63.643(b)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(3) § 63.645(a) [G]§ 63.645(d) § 63.645(i)	None	None
36TVV_011	EP	63CC-6	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a)(2) § 63.643(a) § 63.643(b)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(3) § 63.645(a) [G]§ 63.645(d) § 63.645(i)	None	None

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36TVV_012	EP	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a) § 115.121(a)(1) § 115.122(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5) § 115.126(1)(C) ** See Periodic Monitoring Summary	§ 115.126(1)(C) § 115.126(2)	None
36TVV_012	EP	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.121(a) § 115.121(a)(1) § 115.122(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5) § 115.126(1)(C) ** See Periodic Monitoring Summary	§ 115.126(1)(C) § 115.126(2)	None
36TVV_012	EP	63CC-7	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a)(2) § 63.643(a) § 63.643(b)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(3) § 63.645(a) [G]§ 63.645(d) § 63.645(i)	None	None
36TVV_012	EP	63CC-8	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.643(a)(2) § 63.643(a) § 63.643(b)	The owner or operator of a Group 1 miscellaneous process vent as defined in §63.641 shall comply with the requirements of either §63.643(a)(1)-(2).	§ 63.644(a) § 63.644(a)(3) § 63.645(a) [G]§ 63.645(d) § 63.645(i)	None	None

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36VNT#001	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5)	§ 115.126(2) § 115.126(4)	None
44LRA#002	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A)(i) § 115.214(a)(1)(B) § 115.215(4)	§ 115.216(2) § 115.216(3)(B)	None
44LRA#010	EU	R5211-2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.212(a)(2)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A)(i) § 115.214(a)(1)(B) § 115.215(4)	§ 115.216(2) § 115.216(3)(B)	None
44TFX#0350	EU	R5112-99	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

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44TFX#0410	EU	R5112-100	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#0569	EU	R5112-102	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#0570	EU	R5112-103	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#0582	EU	R5112-105	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#0584	EU	R5112-106	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

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44TFX#0585	EU	R5112-107	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#0698	EU	R5112-108	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#0722	EU	R5112-109	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#0748	EU	R5112-110	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#0749	EU	R5112-111	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

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44TFX#0798	EU	R5112-112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1106	EU	R5112-113	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1107	EU	R5112-114	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1111	EU	R5112-115	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1112	EU	R5112-116	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

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44TFX#1118	EU	R5112-117	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1119	EU	R5112-118	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1120	EU	R5112-119	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1121	EU	R5112-120	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1130	EU	R5112-121	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TFX#1134	EU	R5112-122	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1135	EU	R5112-123	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1136	EU	R5112-124	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1154	EU	R5112-125	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1155	EU	R5112-126	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TFX#1156	EU	R5112-127	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1168	EU	R5112-128	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1169	EU	R5112-129	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1170	EU	R5112-130	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1171	EU	R5112-131	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TFX#1172	EU	R5112-132	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1177	EU	R5112-134	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1178	EU	R5112-135	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1179	EU	R5112-136	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1180	EU	R5112-137	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TFX#1183	EU	R5112-138	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1184	EU	R5112-139	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1186	EU	R5112-140	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1187	EU	R5112-141	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1188	EU	R5112-142	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TFX#1193	EU	R5112-143	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1194	EU	R5112-144	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1197	EU	R5112-145	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1198	EU	R5112-146	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1199	EU	R5112-147	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TFX#1200	EU	R5112-148	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1201	EU	R5112-149	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1202	EU	R5112-150	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1203	EU	R5112-151	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1204	EU	R5112-152	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TFX#1205	EU	R5112-153	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1224	EU	R5112-154	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1226	EU	R5112-155	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1227	EU	R5112-156	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1262	EU	R5112-157	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TFX#1264	EU	R5112-158	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1273	EU	R5112-159	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1278	EU	R5112-160	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1279	EU	R5112-161	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1280	EU	R5112-162	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TFX#1282	EU	R5112-163	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1283	EU	R5112-164	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1285	EU	R5112-165	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1286	EU	R5112-166	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1287	EU	R5112-167	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TFX#1288	EU	R5112-168	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1289	EU	R5112-169	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1290	EU	R5112-170	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1328	EU	R5112-171	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1368	EU	R5112-172	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TFX#1369	EU	R5112-173	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1370	EU	R5112-174	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1371	EU	R5112-175	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1382	EU	R5112-176	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#1386	EU	R5112-177	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TFX#1393	EU	R5112-178	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#2100	EU	R5112-179	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#2124	EU	R5112-180	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#2125	EU	R5112-181	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#2185	EU	R5112-182	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TFX#2186	EU	R5112-183	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#2198	EU	R5112-184	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#2199	EU	R5112-185	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#2199	EU	61FF-1	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(c) § 61.349(c)(1) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(c) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(e) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(11) § 61.356(j)(2) § 61.356(j)(3)(i)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TFX#2199	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
44TFX#2222	EU	R5112-186	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#2234	EU	R5112-187	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#5004	EU	R5112-188	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#5005	EU	R5112-189	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TFX#5022	EU	R5112-104	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#5022	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
44TFX#5023	EU	R5112-101	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
44TFX#5023	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
44TIF#1294	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.116(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TIF#1294	EU	63CC-6	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
44TIF#1295	EU	R5112-257	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1) § 115.111(a)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	None	§ 115.118(a) § 115.118(a)(1)	None
44TIF#1295	EU	63CC-7	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
44TIF#1296	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.116(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
44TIF#1296	EU	63CC-8	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
45VNT_001	EP	R5121-6	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4)	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	§ 115.125(1) [G]§ 115.125(2) § 115.125(4) § 115.125(5)	§ 115.126(2) § 115.126(4)
45VNT_001	EP	63CC-10	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.642(i) [G]§ 63.642(k)	The owner or operator of an existing source shall demonstrate compliance with the emission standard in paragraph (g) of this section by following the procedures specified in paragraph (k) of this section for all emission points.	§ 63.645(h) § 63.645(h)(1)	None	§ 63.645(h)(2)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47CAN#0411	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
47CAN#0412	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
47CAN#0413	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
47CAN#0432	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47CAN#0432	EU	63CC-CAD1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.982(c) § 63.982(c)(1) § 63.985(a)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	§ 63.985(c)(2)	[G]§ 63.998(d)(2) [G]§ 63.998(d)(3) [G]§ 63.998(d)(5)	§ 63.985(b) § 63.985(b)(1) § 63.985(b)(1)(i) § 63.985(b)(1)(i)(A) § 63.985(b)(1)(i)(D) § 63.985(c)(1) § 63.999(b)(2) § 63.999(b)(2)(i) § 63.999(b)(2)(ii) § 63.999(b)(2)(iii) § 63.999(b)(2)(iv) § 63.999(c)(1) [G]§ 63.999(c)(5)
47CAN#4184	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47ENG#003	EU	60IIII-2	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) J§ 60.4211(f) § 60.4218 § 89.112(a) § 60.4202(a) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(i) § 60.4211(f)(3)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)
47ENG#003	EU	60IIII-2	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4218 § 89.112(a) § 60.4202(a) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(i) § 60.4211(f)(3)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47ENG#003	EU	60IIII-2	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2) and §89.113(a)(1)-(3) and §1039.105(b)(1)-(3).	None	None	[G]§ 60.4214(d)
47ENG#003	EU	60IIII-2	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4218 § 89.112(a) § 60.4202(a) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(i) § 60.4211(f)(3)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47ENG#003	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c) § 63.6590(c)(6)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
47ENG#004	EU	63ZZZZ-3	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.1 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(e)(2) § 63.6625(h) § 63.6625(i) § 63.6640(f) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at a major source, you must comply with the requirements as specified in Table 2c.1.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(e)(2) § 63.6655(f) § 63.6655(f)(1) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6650(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47ENG#005	EU	63ZZZZ-4	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
47ENG#007	EU	60IIII-5	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47ENG#007	EU	60IIII-5	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW but less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2008 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 4.7 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
47ENG#007	EU	60IIII-5	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47ENG#007	EU	60IIII-5	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 19 KW and less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2008 - 2012 model year must comply with a PM emission limit of 0.30 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102.	None	None	None
47ENG#007	EU	63ZZZZ-2	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c) § 63.6590(c)(7)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47ENG#010	EU	60IIII-2	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
47ENG#010	EU	60IIII-2	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW but less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2008 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 4.7 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47ENG#010	EU	60IIII-2	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None
47ENG#010	EU	60IIII-2	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 19 KW and less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2008 - 2012 model year must comply with a PM emission limit of 0.30 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47ENG#010	EU	63ZZZZ-4	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c) § 63.6590(c)(7)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
47ENG#011	EU	60IIII-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47ENG#011	EU	60IIII-1	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 75 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2013 model year must comply with an NMHC+NO <sub>x</sub> emission limit of 4.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102.	None	None	None
47ENG#011	EU	60IIII-1	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47ENG#011	EU	60IIII-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2010 model year must comply with a PM emission limit of 0.20 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None
47ENG#011	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c) § 63.6590(c)(7)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47ENG#012	EU	60IIII-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
47ENG#012	EU	60IIII-1	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 75 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2013 model year must comply with an NMHC+NO <sub>x</sub> emission limit of 4.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47ENG#012	EU	60IIII-1	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None
47ENG#012	EU	60IIII-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2010 model year must comply with a PM emission limit of 0.20 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47ENG#012	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c) § 63.6590(c)(7)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
47ENG#230	EU	60IIII-1	NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(a)-Table 1 § 60.4206 § 60.4207(b) § 60.4211(b) § 60.4211(b)(1) § 60.4211(f) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(i) § 60.4211(f)(3) § 60.4218	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a NO <sub>x</sub> emission limit of 9.2 g/KW-hr, as listed in Table 1 to this subpart.	None	None	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47ENG#230	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c) § 63.6590(c)(6)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
47OWS#API	EU	115-24	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(2)	VOC water separator compartments must have a floating roof or internal-floating cover resting on the surface with closure seals. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(a) § 115.136(a)(3) § 115.136(a)(4) ** See Periodic Monitoring Summary	§ 115.136(a)(3) § 115.136(a)(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47OWS#API	EU	60QQQ-28	VOC	40 CFR Part 60, Subpart QQQ	§ 60.693-2(a) § 60.692-1(a) § 60.692-1(b) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b) § 60.693-2(a)(1) § 60.693-2(a)(1)(i) § 60.693-2(a)(1)(i)(A) § 60.693-2(a)(1)(i)(B) § 60.693-2(a)(1)(i)(C) [G]§ 60.693-2(a)(1)(ii) § 60.693-2(a)(1)(iii) § 60.693-2(a)(1)(iv) § 60.693-2(a)(2) § 60.693-2(a)(3) § 60.693-2(a)(4) § 60.693-2(a)(5)(ii) § 60.693-2(c) § 60.693-2(d)	May elect to install a floating roof on an oil-water separator tank, slop oil tank or other auxiliary equipment subject to this subpart which meets the following specifications:	§ 60.693-2(a)(1)(iii)(A) § 60.693-2(a)(1)(iii)(B) § 60.693-2(a)(5)(i) § 60.696(a) [G]§ 60.696(d)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) [G]§ 60.697(k)	§ 60.693-2(b) § 60.698(a) § 60.698(b)(1) § 60.698(c) § 60.698(e)
47OWS#CPI	EU	115-24	VOC	30 TAC Chapter 115, Water Separation	§ 115.132(a)(2)	VOC water separator compartments must have a floating roof or internal-floating cover resting on the surface with closure seals. Gauging and sampling devices shall be vapor-tight except during use.	[G]§ 115.135(a) § 115.136(a)(3) § 115.136(a)(4) ** See Periodic Monitoring Summary	§ 115.136(a)(3) § 115.136(a)(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47OWS#CPI	EU	60QQQ-1	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-3(a) § 60.692-1(a) § 60.692-3(a)(1) § 60.692-3(a)(2) § 60.692-3(a)(3) § 60.692-3(a)(5) § 60.692-3(b) § 60.692-3(e) § 60.692-5(b) § 60.692-5(d) [G]§ 60.692-5(e) § 60.692-6(a) § 60.692-6(b) § 60.692-7(b)	Except as noted, each oil-water separator tank, slop oil tank, storage vessel, or other auxiliary equipment shall be equipped with fixed roof, meeting following specifications:	§ 60.692-3(a)(4) § 60.695(a) § 60.695(a)(3) § 60.695(a)(3)(ii) § 60.696(a) [G]§ 60.696(b)	§ 60.695(a)(3) § 60.697(a) § 60.697(c) § 60.697(d) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) § 60.697(f)(3) § 60.697(f)(3)(i) § 60.697(f)(3)(ii) § 60.697(f)(3)(iii) § 60.697(f)(3)(iv) § 60.697(f)(3)(v) § 60.697(f)(3)(vi) § 60.697(f)(3)(vii) § 60.697(f)(3)(x) § 60.697(f)(3)(x)(B)	§ 60.698(b)(1) § 60.698(d) § 60.698(d)(3) § 60.698(d)(3)(ii) § 60.698(e)
47SMP#4136	EU	115-23	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47SMP#4136	EU	60QQQ-2	VOC	40 CFR Part 60, Subpart QQQ	§ 60.692-1(a) § 60.692-6(a) § 60.692-6(b) § 60.692-7(a) § 60.692-7(b) § 60.693-2(a) § 60.693-2(a)(1) § 60.693-2(a)(1)(i) § 60.693-2(a)(1)(i)(B) § 60.693-2(a)(1)(i)(C) [G]§ 60.693-2(a)(1)(ii) § 60.693-2(a)(1)(iii) § 60.693-2(a)(1)(iv) § 60.693-2(a)(2) § 60.693-2(a)(3) § 60.693-2(a)(4) § 60.693-2(a)(5)(ii) § 60.693-2(c) § 60.693-2(d)	May elect to install a floating roof on an oil-water separator tank, slop oil tank or other auxiliary equipment subject to this subpart which meets the following specifications:	§ 60.693-2(a)(1)(iii)(A) § 60.693-2(a)(1)(iii)(B) § 60.693-2(a)(5)(i) § 60.696(a) [G]§ 60.696(d)	§ 60.697(a) § 60.697(c) [G]§ 60.697(e) § 60.697(f)(1) [G]§ 60.697(f)(2) [G]§ 60.697(k)	§ 60.693-2(b) § 60.698(a) § 60.698(b)(1) § 60.698(e)
47SMP#4136	EU	63CC-TK19	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
47TFX#0417	EU	115-7	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(3) § 115.115(a)(3)(B) § 115.116(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(4) § 115.118(a)(4)(C) § 115.118(a)(4)(C)(ii) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47TFX#0417	EU	63EEEE-9	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2343(b)	For each storage tank subject to this subpart having a capacity of 18.9 cubic meters (5,000 gallons) or more that is not subject to control based on the criteria specified in Table 2 to this subpart, items 1 through 6, you must comply with the requirements specified in paragraphs (b)(1) through (3) of this section.	None	§ 63.2343(b)(3)	§ 63.2343(b)(2)(i) § 63.2343(b)(2)(ii) § 63.2343(d) § 63.2343(d)(1) § 63.2343(d)(4) § 63.2386(b) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)(3)
47TFX#0432	EU	115-10	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(3) § 115.115(a)(3)(B) § 115.116(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(4) § 115.118(a)(4)(C) § 115.118(a)(4)(C)(ii) § 115.118(a)(5) § 115.118(a)(7)	None
47TFX#0432	EU	61FF-5	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(c) § 61.349(c)(1) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(c) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47TFX#0432	EU	63CC-TK9	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(i) § 63.660(i)(2) § 63.982(a)(1) § 63.982(c) § 63.982(c)(1) § 63.983(a) § 63.983(a)(1) § 63.983(a)(2) § 63.983(a)(3) § 63.983(a)(3)(ii) § 63.983(d) [G]§ 63.983(d)(1) [G]§ 63.983(d)(2) § 63.983(d)(3)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) § 63.983(b) § 63.983(b)(1) [G]§ 63.983(b)(1)(i) [G]§ 63.983(b)(2) [G]§ 63.983(b)(3) § 63.983(b)(4) § 63.983(b)(4)(ii) § 63.983(c) [G]§ 63.983(c)(1) § 63.983(c)(2) § 63.983(c)(3)	§ 63.660(a)(1) [G]§ 63.998(d)(2) [G]§ 63.998(d)(3) § 63.983(a)(3)(ii) § 63.983(b)(2)(ii) § 63.983(b)(3)(ii) § 63.998(d)(1) § 63.998(d)(1)(i) § 63.998(d)(1)(ii) § 63.998(d)(1)(ii)(B) [G]§ 63.998(d)(1)(iii) § 63.998(d)(1)(iv) [G]§ 63.998(d)(3)	§ 63.985(b)(1)(i) § 63.999(b)(2) § 63.999(b)(2)(i) § 63.999(b)(2)(ii) § 63.999(b)(2)(iii) § 63.999(b)(2)(iv) § 63.999(c)(1) [G]§ 63.999(c)(2) [G]§ 63.999(c)(4) [G]§ 63.999(c)(5)
47TFX#4096	EU	R5112-191	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
47TFX#4096	EU	63CC-112	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
47TFX#4184	EU	R5112-57	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(3) § 115.115(a)(3)(B) § 115.116(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(4) § 115.118(a)(4)(C) § 115.118(a)(4)(C)(ii) § 115.118(a)(5) § 115.118(a)(7)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47TFX#4184	EU	60Kb-7	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(3)	Storage vessels specified in §60.112b(a) and equipped with a closed vent system/control device are to meet the specifications of §60.112b(a)(3)(i)-(ii).	[G]§ 60.113b(c)(1) § 60.113b(c)(2) § 60.116b(a) § 60.116b(b) § 60.116b(e)(1) § 60.116b(e)(2)(i) [G]§ 60.485(b) ** See Periodic Monitoring Summary	§ 60.115b [G]§ 60.115b(c) § 60.116b(a) § 60.116b(b)	[G]§ 60.113b(c)(1) § 60.115b
47TFX#4184	EU	61FF-10	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(c) § 61.349(c)(1) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(c) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(e) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(11) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(3)(i)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
47TFX#4184	EU	63CC-112	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None

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47TIF#0411	EU	115-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
47TIF#0411	EU	61FF-1	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)
47TIF#0411	EU	63CC-TK-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47TIF#0412	EU	R5112-192	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1) § 115.111(a)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	None	§ 115.118(a) § 115.118(a)(1)	None
47TIF#0412	EU	61FF-2	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)
47TIF#0412	EU	63CC-TK2	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

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47TIF#0413	EU	R5112-193	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1) § 115.111(a)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	None	§ 115.118(a) § 115.118(a)(1)	None
47TIF#0413	EU	61FF-3	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)
47TIF#0413	EU	63CC-TK3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47TIF#1313	EU	115-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
47TIF#1313	EU	61FF-7	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)
47TIF#1313	EU	63CC-TK12	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47TIF#4001	EU	115-16	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
47TIF#4001	EU	60Kb-2	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(1) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
47TIF#4001	EU	63CC-TK-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#0713	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#0713	EU	63CC-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1151	EU	R5112-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1151	EU	63CC-4	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1158	EU	R5112-6	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1158	EU	63CC-6	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1165	EU	R5112-8	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1165	EU	60Kb-10	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1165	EU	63CC-8	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1212	EU	R5112-10	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1212	EU	63CC-10	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1251	EU	R5112-12	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1251	EU	63CC-12	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1300	EU	R5112-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1300	EU	63CC-13	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1324	EU	R5112-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1324	EU	63CC-14	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1325	EU	R5112-15	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1325	EU	63CC-15	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1329	EU	R5112-16	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
48TEF#1329	EU	61FF-4	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1329	EU	63CC-16	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1337	EU	R5112-19	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1337	EU	63CC-19	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1349	EU	R5112-21	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1349	EU	63CC-21	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1350	EU	R5112-22	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1350	EU	63CC-22	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1351	EU	R5112-23	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1351	EU	63CC-23	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1362	EU	R5112-25	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1362	EU	63CC-25	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1365	EU	R5112-26	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1365	EU	63CC-26	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1366	EU	R5112-27	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1366	EU	63CC-27	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TEF#1389	EU	R5112-28	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TEF#1389	EU	63CC-28	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TFX#0392	EU	R5112-194	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
48TFX#0392	EU	63CC-30	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TFX#0393	EU	R5112-195	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
48TFX#0393	EU	63CC-31	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
48TFX#0394	EU	R5112-196	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
48TFX#0394	EU	63CC-32	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
48TFX#0395	EU	R5112-197	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TFX#0395	EU	63CC-33	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
48TFX#0499	EU	R5112-198	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
48TFX#0499	EU	63CC-37	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
48TFX#1256	EU	R5112-199	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
48TFX#1256	EU	63CC-39	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TFX#1257	EU	R5112-200	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
48TFX#1257	EU	63CC-40	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
48TIF#0702	EU	R5112-30	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TIF#0702	EU	63CC-42	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TIF#1000	EU	R5112-31	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TIF#1000	EU	63CC-43	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TIF#1334	EU	R5112-17	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TIF#1334	EU	60Kb-5	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(1) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TIF#1334	EU	63CC-17	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TIF#1338	EU	R5112-20	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TIF#1338	EU	60Kb-11	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(1) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TIF#1338	EU	63CC-20	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TIF#1361	EU	R5112-24	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TIF#1361	EU	63CC-24	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TIF#1390	EU	R5112-29	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TIF#1390	EU	60Kb-17	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(1) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TIF#1390	EU	63CC-29	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TIF#5016	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TIF#5016	EU	60Kb-2	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(1) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TIF#5016	EU	63CC-TK1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
48TIF#5026	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TIF#5026	EU	60Kb-2	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(1) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 60.110b(e)(5)(iv)(B) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(e)(2) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
48TIF#5026	EU	63CC-TK1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) § 63.1063(d)(2)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
49CAN#T100	EU	63GGGGG-1	112(B) HAPS	40 CFR Part 63, Subpart GGGGG	§ 63.7881(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart GGGGG	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart GGGGG	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart GGGGG	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart GGGGG	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart GGGGG



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements  (30 TAC § 122.144)	Reporting Requirements  (30 TAC § 122.145)
49CAN#WRR1	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-5a [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
49CAN#WRR2	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-5a [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
49CAN#WRR3	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-5a [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49CAN#WRR4	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-5a [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
49ENG#001	EU	63ZZZZ-4	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.2 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(e)(1) § 63.6625(h) § 63.6625(i) § 63.6665	For each existing non-emergency, non-black start stationary CI RICE with a site rating less than 100 HP, located at a major source, you must comply with the requirements as specified in Table 2c.2.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-Table6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(e)(1) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6650(f)
49TEF#0590	EU	R5112-32	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#0590	EU	60Kb-12	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#0590	EU	63CC-44	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
49TEF#0718	EU	R5112-33	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#0718	EU	63CC-45	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
49TEF#1215	EU	R5112-35	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#1215	EU	60Kb-13	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#1215	EU	63CC-47	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
49TEF#1284	EU	R5112-36	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#1284	EU	63CC-48	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
49TEF#1314	EU	R5112-37	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#1314	EU	60Kb-5	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#1314	EU	63CC-49	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
49TEF#1335	EU	R5112-40	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#1335	EU	60Kb-14	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a) [G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
49TEF#1335	EU	61FF-4	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 61.351(a)(2) § 61.351(b) [G]§ 60.112b(a)(2)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 61.356(k) § 60.115b(b) [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 61.357(e) § 61.357(f) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#1335	EU	63CC-52	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(2) § 60.112b(a) [G]§ 60.112b(a)(2) § 63.640(n)(8) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii)	After the compliance dates specified in paragraph (h) of this section, a Group 1 storage vessel that is also subject to 40 CFR part 60, subpart Kb, is required to comply only with either 40 CFR part 60, subpart Kb, except as provided in paragraph (n)(8) of this section or this subpart.	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.640(n)(8)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.640(n)(8)(iv) § 63.640(n)(8)(v) § 63.640(n)(8)(vi)
49TEF#1352	EU	R5112-41	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#1352	EU	63CC-53	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
49TEF#1377	EU	R5112-42	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
49TEF#1377	EU	61FF-5	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 61.351(a)(2) § 61.351(b) [G]§ 60.112b(a)(2)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 61.356(k) § 60.115b(b) [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 61.357(e) § 61.357(f) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#1377	EU	63CC-54	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
49TEF#1378	EU	R5112-43	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#1378	EU	60Kb-5	VOC	40 CFR Part 60, Subpart Kb	[G]§ 60.112b(a)(2) § 60.112b(a)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
49TEF#1378	EU	61FF-6	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 61.351(a)(2) § 61.351(b) [G]§ 60.112b(a)(2)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 61.356(k) § 60.115b(b) [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 61.357(e) § 61.357(f) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#1378	EU	63CC-55	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(2) § 60.112b(a) [G]§ 60.112b(a)(2) § 63.640(n)(8) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii)	After the compliance dates specified in paragraph (h) of this section, a Group 1 storage vessel that is also subject to 40 CFR part 60, subpart Kb, is required to comply only with either 40 CFR part 60, subpart Kb, except as provided in paragraph (n)(8) of this section or this subpart.	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.640(n)(8)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.640(n)(8)(iv) § 63.640(n)(8)(v) § 63.640(n)(8)(vi)
49TEF#1381	EU	R5112-44	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
49TEF#1381	EU	61FF-7	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 61.351(a)(2) § 61.351(b) [G]§ 60.112b(a)(2)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 61.356(k) § 60.115b(b) [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 61.357(e) § 61.357(f) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#1381	EU	63CC-56	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
49TEF#5013	EU	R5112-46	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#5013	EU	60Kb-5	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a) [G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
49TEF#5013	EU	61FF-15	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 61.351(a)(2) § 61.351(b) [G]§ 60.112b(a)(2)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 61.356(k) § 60.115b(b) [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 61.357(e) § 61.357(f) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#5013	EU	63CC-69	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(2) § 60.112b(a) [G]§ 60.112b(a)(2) § 63.640(n)(8) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	After the compliance dates specified in paragraph (h) of this section, a Group 1 storage vessel that is also subject to 40 CFR part 60, subpart Kb, is required to comply only with either 40 CFR part 60, subpart Kb, except as provided in paragraph (n)(8) of this section or this subpart.	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.640(n)(8)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
49TEF#5015	EU	R5112-47	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#5015	EU	60Kb-6	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#5015	EU	63CC-71	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
49TEF#5021	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#5021	EU	60Kb-5	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a) [G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
49TEF#5021	EU	61FF-16	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 61.351(a)(2) § 61.351(b) [G]§ 60.112b(a)(2)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 61.356(k) § 60.115b(b) [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 61.357(e) § 61.357(f) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#5021	EU	63CC-8	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(2) § 60.112b(a) [G]§ 60.112b(a)(2) § 63.640(n)(8) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii)	After the compliance dates specified in paragraph (h) of this section, a Group 1 storage vessel that is also subject to 40 CFR part 60, subpart Kb, is required to comply only with either 40 CFR part 60, subpart Kb, except as provided in paragraph (n)(8) of this section or this subpart.	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.640(n)(8)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.640(n)(8)(iv) § 63.640(n)(8)(v) § 63.640(n)(8)(vi)
49TEF#5024	EU	R5112-39	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
49TEF#5024	EU	60Kb-19	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a) [G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#5024	EU	61FF-3	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 61.351(a)(2) § 61.351(b) [G]§ 60.112b(a)(2)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) [G]§ 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 61.356(k) § 60.115b(b) [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 61.357(e) § 61.357(f) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
49TEF#5024	EU	63CC-51	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(2) § 60.112b(a) [G]§ 60.112b(a)(2) § 63.640(n)(8) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii)	After the compliance dates specified in paragraph (h) of this section, a Group 1 storage vessel that is also subject to 40 CFR part 60, subpart Kb, is required to comply only with either 40 CFR part 60, subpart Kb, except as provided in paragraph (n)(8) of this section or this subpart.	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.640(n)(8)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.640(n)(8)(iv) § 63.640(n)(8)(v)
49TEF#5027	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#5027	EU	60Kb-5	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#5027	EU	63CC-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
49TEF#5048	EU	R5112-264	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#5048	EU	60Kb-21	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for EFR storage vessels either with a design capacity greater than or equal to 151 m3 containing a VOL that has a max true vapor pressure equal to or greater than 5.2 kPa but less than 76.6 kPa.	[G]§ 60.110b(e)(5)(iii) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 60.110b(e)(5)(iv) § 60.110b(e)(5)(iv)(A) § 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) [G]§ 60.110b(e)(5)(iv)(F) § 60.116b(a) § 60.116b(c) § 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv) § 60.110b(e)(5)(iv)(A) § 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) [G]§ 63.1066(a) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
49TEF#5048	EU	61FF-24	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b(b) [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TEF#5048	EU	63CC-114	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) [G]§ 63.1066(a) § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) [G]§ 63.1066(a) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
49TFX#0331	EU	R5112-201	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1) § 115.111(a)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	None	§ 115.118(a) § 115.118(a)(1)	None
49TFX#0331	EU	63CC-58	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#0333	EU	R5112-202	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1) § 115.111(a)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	None	§ 115.118(a) § 115.118(a)(1)	None
49TFX#0333	EU	63CC-59	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#0334	EU	R5112-203	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#0334	EU	63CC-60	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#0593	EU	R5112-204	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#0593	EU	63CC-64	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#0700	EU	R5112-205	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#0700	EU	63CC-66	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#0705	EU	R5112-206	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#0705	EU	63CC-68	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#0754	EU	R5112-208	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#0754	EU	63CC-74	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#0759	EU	R5112-209	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#0759	EU	63CC-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#0764	EU	R5112-210	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#0764	EU	63CC-75	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#0765	EU	R5112-211	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#0765	EU	63CC-2	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#0766	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#0766	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#1143	EU	R5112-213	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#1143	EU	63CC-80	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#1144	EU	R5112-214	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#1144	EU	63CC-81	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#1145	EU	R5112-215	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#1145	EU	63CC-82	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#1222	EU	R5112-216	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#1222	EU	63CC-85	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#1228	EU	R5112-217	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#1228	EU	63CC-86	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#1238	EU	R5112-218	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#1238	EU	63CC-89	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#1239	EU	R5112-219	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#1239	EU	63CC-90	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#1260	EU	R5112-221	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#1260	EU	63CC-94	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#1265	EU	R5112-222	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#1265	EU	63CC-95	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#1359	EU	R5112-223	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#1359	EU	63CC-96	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#1367	EU	R5112-224	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#1367	EU	63CC-97	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#1391	EU	R5112-225	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#1391	EU	63CC-98	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#1700	EU	R5112-245	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#1700	EU	63CC-99	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#5002	EU	R5112-226	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#5002	EU	63CC-100	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#5003	EU	R5112-227	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#5003	EU	63CC-12	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#5006	EU	R5112-228	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#5006	EU	63CC-101	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#5007	EU	R5112-229	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#5007	EU	63CC-110	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#5009	EU	R5112-230	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#5009	EU	63CC-111	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#5010	EU	R5112-231	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#5010	EU	63CC-110	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#5011	EU	R5112-232	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#5012	EU	R5112-233	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#5014	EU	R5112-234	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#5014	EU	63CC-83	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#5017	EU	R5112-262	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#5017	EU	63CC-113	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#5018	EU	R5112-204	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#5018	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#5025	EU	R5112-212	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#5025	EU	63CC-79	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
49TFX#5028	EU	R5112-204	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#5028	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#T100	EU	R5112-56	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(3) § 115.115(a)(3)(B) § 115.116(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(4) § 115.118(a)(4)(C) § 115.118(a)(4)(C)(ii) § 115.118(a)(5) § 115.118(a)(7)	None
49TFX#T100	EU	63EEEE-7	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b)(1)	Except as provided in paragraph (c) of this section, the affected source is the collection of activities and equipment used to distribute organic liquids into, out of, or within a facility that is a major source of HAP. The affected source is composed of all storage tanks storing organic liquids.	None	§ 63.2343(a)	None
49TFX#WRR1	EU	61FF-20	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(c) § 61.349(c)(1) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(c) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(e) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(11) § 61.356(j)(2) § 61.356(j)(3)(i)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#WRR2	EU	61FF-21	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(c) § 61.349(c)(1) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(c) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(e) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(g) § 61.356(h) § 61.356(i) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(11) § 61.356(j)(2) § 61.356(j)(3)(i)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
49TFX#WRR3	EU	61FF-22	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(c) § 61.349(c)(1) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(c) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(e) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(g) § 61.356(h) § 61.356(i) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(11) § 61.356(j)(2) § 61.356(j)(3)(i)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TFX#WRR4	EU	61FF-23	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(a)(1)(ii)(B) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(a)(2)(ii) § 61.349(b) § 61.349(c) § 61.349(c)(1) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(a)(1)(ii) § 61.349(c) § 61.349(e) § 61.349(f) § 61.354(d) § 61.354(e) § 61.354(f)(1) [G]§ 61.355(h)	§ 61.349(a)(1)(ii) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(f)(2) § 61.356(f)(2)(i) § 61.356(f)(2)(i)(G) § 61.356(g) § 61.356(h) § 61.356(i) § 61.356(j)(1) § 61.356(j)(10) § 61.356(j)(11) § 61.356(j)(2) § 61.356(j)(3)(i)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(I)
49TIF#0594	EU	R5112-48	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
49TIF#0594	EU	61FF-10	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TIF#0594	EU	63CC-102	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
49TIF#1269	EU	R5112-50	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
49TIF#1269	EU	61FF-11	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
49TIF#1269	EU	63CC-104	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50BLW#010	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-5a [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) [G]§ 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
50TEF#1375	EU	R5112-53	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#1375	EU	60Kb-18	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a) [G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
50TEF#1375	EU	61FF-13	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 61.351(a)(2) § 61.351(b) [G]§ 60.112b(a)(2)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 61.356(k) § 60.115b(b) [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 61.357(e) § 61.357(f) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#1375	EU	63CC-107	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(2) § 60.112b(a) [G]§ 60.112b(a)(2) § 63.640(n)(8) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii)	After the compliance dates specified in paragraph (h) of this section, a Group 1 storage vessel that is also subject to 40 CFR part 60, subpart Kb, is required to comply only with either 40 CFR part 60, subpart Kb, except as provided in paragraph (n)(8) of this section or this subpart.	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.640(n)(8)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.640(n)(8)(iv) § 63.640(n)(8)(v) § 63.640(n)(8)(vi)
50TEF#2209	EU	R5112-11	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#2209	EU	63CC-21	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TEF#2210	EU	R5112-12	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#2210	EU	60Kb-5	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#2210	EU	63CC-22	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TEF#2211	EU	R5112-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

# Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#2211	EU	61FF-19	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 61.351(a)(2) § 61.351(b) [G]§ 60.112b(a)(2)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) [G]§ 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 61.356(k) § 60.115b(b) [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 61.357(e) § 61.357(f) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
50TEF#2211	EU	63CC-23	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TEF#2212	EU	R5112-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#2212	EU	63CC-24	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TEF#2213	EU	R5112-15	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#2213	EU	60Kb-5	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#2213	EU	63CC-25	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TEF#2223	EU	R5112-17	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#2223	EU	63CC-27	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TEF#2225	EU	R5112-19	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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50TEF#2225	EU	63CC-29	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TEF#2228	EU	R5112-21	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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50TEF#2228	EU	63CC-31	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TEF#2235	EU	R5112-22	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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50TEF#2235	EU	60Kb-20	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a) [G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
50TEF#2235	EU	61FF-4	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b(b) [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)

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50TEF#2235	EU	63CC-32	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(2) § 60.112b(a) [G]§ 60.112b(a)(2) § 63.640(n)(8) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii)	After the compliance dates specified in paragraph (h) of this section, a Group 1 storage vessel that is also subject to 40 CFR part 60, subpart Kb, is required to comply only with either 40 CFR part 60, subpart Kb, except as provided in paragraph (n)(8) of this section or this subpart.	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.640(n)(8)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.640(n)(8)(iv) § 63.640(n)(8)(v) § 63.640(n)(8)(vi)
50TEF#2236	EU	R5112-23	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#2236	EU	63CC-33	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TEF#2237	EU	R5112-24	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#2237	EU	60Kb-5	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a) [G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
50TEF#2237	EU	61FF-4	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b(b) [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#2237	EU	63CC-34	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(2) § 60.112b(a) [G]§ 60.112b(a)(2) § 63.640(n)(8) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii)	After the compliance dates specified in paragraph (h) of this section, a Group 1 storage vessel that is also subject to 40 CFR part 60, subpart Kb, is required to comply only with either 40 CFR part 60, subpart Kb, except as provided in paragraph (n)(8) of this section or this subpart.	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.640(n)(8)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.640(n)(8)(iv) § 63.640(n)(8)(v) § 63.640(n)(8)(vi)
50TEF#2238	EU	R5112-25	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)
50TEF#2238	EU	61FF-18	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) § 60.113b(b)(4)(i) § 60.113b(b)(4)(i)(B) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) § 60.113b(b)(5) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) § 60.116b(e)(2)(i)	§ 60.115b(b) [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#2238	EU	63CC-35	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TEF#2239	EU	R5112-26	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements  (30 TAC § 122.144)	Reporting Requirements  (30 TAC § 122.145)
50TEF#2239	EU	60Kb-5	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#2239	EU	63CC-36	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TEF#5008	EU	R5112-36	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#5008	EU	60Kb-8	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(e)(5) § 60.110b(a) § 60.110b(e)(5)(i) § 60.110b(e)(5)(ii) § 60.110b(e)(5)(iii) § 60.110b(e)(5)(iv) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	Compliance with 40 CFR part 63, subpart WW, may be chosen to satisfy the requirements of 40 CFR part 60, subpart Kb for IFR storage vessels with a design capacity greater than or equal to 75 m3 but less than 151 m3 containing a VOL with a max true vapor pressure equal to or greater than 27.6 kPa but less than 76.6 kPa.	§ 60.116b(e) § 60.116b(f) § 60.116b(f)(1) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 60.110b(e)(5)(iv)(C) § 60.110b(e)(5)(iv)(D) § 60.110b(e)(5)(iv)(E) § 60.116b(a) § 60.116b(c) § 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 60.110b(e)(5)(iv)(A) [G]§ 60.110b(e)(5)(iv)(F) § 63.1066(a) § 63.1066(a)(1) § 63.1066(a)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#5008	EU	63CC-47	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.660(b) § 63.660(b)(1) § 63.1062(a) § 63.1062(a)(2) [G]§ 63.1063(a)(1)(ii) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) [G]§ 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	For each Group 1 storage vessel for which the maximum true vapor pressure of stored liquid is less than 76.6 kilopascals (11.1 psia), the owner or operator shall comply with the requirements in Subpart WW of this part, according to the requirements in §63.660(a)-(i).	[G]§ 63.660(a) § 63.660(e) [G]§ 63.1063(c)(2) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1063(c)(2)(iv)(B) § 63.1065 § 63.1065(a) [G]§ 63.1065(b) § 63.1065(c) § 63.1065(d)	§ 63.1063(c)(2)(iv)(B) § 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TEF#5038	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#5038	EU	60Kb-5	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a) [G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
50TEF#5038	EU	61FF-16	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TEF#5038	EU	63CC-8	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(2) § 60.112b(a) [G]§ 60.112b(a)(2) § 63.640(n)(8) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii)	After the compliance dates specified in paragraph (h) of this section, a Group 1 storage vessel that is also subject to 40 CFR part 60, subpart Kb, is required to comply only with either 40 CFR part 60, subpart Kb, except as provided in paragraph (n)(8) of this section or this subpart.	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3) § 63.640(n)(8)(ii)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 63.640(n)(8)(vi)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 63.640(n)(8)(iv) § 63.640(n)(8)(v) § 63.640(n)(8)(vi)
50TFX#0332	EU	R5112-235	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
50TFX#0332	EU	63CC-38	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
50TFX#0363	EU	R5112-239	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TFX#0491	EU	R5112-35	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
50TFX#0491	EU	63CC-54	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
50TFX#2136	EU	R5112-240	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
50TFX#2136	EU	63CC-40	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
50TFX#2206	EU	R5112-241	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TFX#2206	EU	63CC-41	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
50TFX#2207	EU	R5112-242	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
50TFX#2207	EU	63CC-42	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
50TIF#2133	EU	R5112-31	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TIF#2133	EU	63CC-43	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TIF#2134	EU	R5112-32	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TIF#2134	EU	63CC-44	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TIF#2203	EU	R5112-33	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)
50TIF#2203	EU	61FF-6	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TIF#2203	EU	63CC-45	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TIF#2214	EU	R5112-34	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
50TIF#2214	EU	63CC-46	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.660 § 63.1062(a) § 63.1062(a)(1) [G]§ 63.1063(a)(1)(i) § 63.1063(a)(2) § 63.1063(a)(2)(i) § 63.1063(a)(2)(ii) § 63.1063(a)(2)(iii) § 63.1063(a)(2)(iv) § 63.1063(a)(2)(ix) § 63.1063(a)(2)(v) § 63.1063(a)(2)(vi) § 63.1063(a)(2)(vii) § 63.1063(a)(2)(viii) § 63.1063(b)(1) § 63.1063(b)(2) § 63.1063(b)(3) § 63.1063(b)(4) § 63.1063(b)(5) [G]§ 63.1063(e)	On and after the applicable compliance date for a Group 1 storage vessel located at a new or existing source as specified in §63.640(h), the owner or operator of a Group 1 storage vessel that is part of a new or existing source shall comply with the requirements in subpart WW or SS of this part according to the requirements in paragraphs (a) through (i) of this section.	[G]§ 63.660(a) § 63.660(e) § 63.1063(c)(1) § 63.1063(c)(1)(i) § 63.1063(c)(1)(i)(A) § 63.1063(c)(1)(i)(B) § 63.1063(d) [G]§ 63.1063(d)(1) [G]§ 63.1063(d)(3)	§ 63.660(a)(1) § 63.1065 § 63.1065(a) § 63.1065(b) [G]§ 63.1065(b)(1) § 63.1065(c) § 63.1065(d)	§ 63.1063(e)(2) § 63.1066(b) § 63.1066(b)(1) § 63.1066(b)(2) § 63.1066(b)(4)
50TSP#2155	EU	R5112-58	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(4) § 115.118(a)(4)(F) § 115.118(a)(5) § 115.118(a)(7)	None
52LBS#001	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a) § 63.651(b) § 63.651(c) § 63.651(d) § 63.651(d)(1)	Except as provided in §63.651(b)-(d), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §63.560 through §63.567.	None	§ 63.654(c) § 63.567(j)(1)	§ 63.654(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
52LBS#001	EU	63Y-1	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.560(d)(1)	This subpart does not apply to emissions resulting from marine tank vessel loading operations, as that term is defined in §63.561, of commodities with vapor pressures less than 10.3 kilopascals (kPa) (1.5 pounds per square inch, absolute) (psia) at standard conditions, 20 °C and 760 millimeters Hg (mm Hg).	None	§ 63.567(j)(1)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
53LBS#001	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a) § 63.651(b) § 63.651(c) § 63.651(d) § 63.560(d)(1) § 63.560(d)(3) § 63.560(d)(5) § 63.560(d)(7) § 63.562(b) [G]§ 63.562(b)(1) § 63.562(b)(2) [G]§ 63.562(b)(6) § 63.562(c) [G]§ 63.562(c)(2) § 63.562(c)(3) § 63.562(c)(4) [G]§ 63.562(c)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) § 63.562(e)(7)(i) [G]§ 63.563(a)(1) § 63.563(a)(2) § 63.563(a)(3)	Except as provided in §63.651(b)-(d), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §63.560 through §63.567.	[G]§ 63.562(b)(6) [G]§ 63.563(a)(4) § 63.563(b) § 63.563(b)(1) § 63.563(b)(10) § 63.563(b)(3) [G]§ 63.563(b)(4) [G]§ 63.563(c) § 63.563(e) § 63.563(e)(2) § 63.563(e)(4) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(b)(2) § 63.564(c) § 63.565(a) [G]§ 63.565(b) § 63.565(d)(1) § 63.565(d)(10) § 63.565(d)(2) [G]§ 63.565(d)(3) § 63.565(d)(4) § 63.565(d)(6) § 63.565(d)(7) § 63.565(d)(8) § 63.565(d)(9) § 63.565(f) § 63.565(f)(1) § 63.565(l)	§ 63.655(c) [G]§ 63.562(b)(6) § 63.562(e)(5) [G]§ 63.563(a)(4) § 63.567(f) [G]§ 63.567(g) § 63.567(j)(1) § 63.567(j)(2) [G]§ 63.567(k)	§ 63.655(c) [G]§ 63.562(b)(6) § 63.562(e)(7)(ii) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(j)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements  (30 TAC § 122.144)	Reporting Requirements  (30 TAC § 122.145)
53LBS#001	EU	63Y-1	VOC	40 CFR Part 63, Subpart Y	§ 63.562(b) § 63.562(c) [G]§ 63.562(c)(2) § 63.562(c)(3) § 63.562(c)(4) [G]§ 63.562(c)(6) § 63.560(d)(1) § 63.560(d)(3) § 63.560(d)(5) § 63.560(d)(7) [G]§ 63.562(b)(1) § 63.562(b)(2) [G]§ 63.562(b)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) § 63.562(e)(7)(i) [G]§ 63.563(a)(1) § 63.563(a)(2) § 63.563(a)(3)	RACT standards, except the VMT source.  [G]§ 63.562(b)(6) [G]§ 63.563(a)(4) § 63.563(b) § 63.563(b)(1) § 63.563(b)(10) § 63.563(b)(3) [G]§ 63.563(b)(4) [G]§ 63.563(c) § 63.563(e) § 63.563(e)(2) § 63.563(e)(4) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(b)(2) § 63.564(c) § 63.565(a) [G]§ 63.565(b) § 63.565(d)(1) § 63.565(d)(10) § 63.565(d)(2) [G]§ 63.565(d)(3) § 63.565(d)(4) § 63.565(d)(6) § 63.565(d)(7) § 63.565(d)(8) § 63.565(d)(9) § 63.565(f) § 63.565(f)(1) § 63.565(l)	[G]§ 63.562(b)(6) § 63.562(e)(5) [G]§ 63.563(a)(4) § 63.567(f) [G]§ 63.567(g) § 63.567(j)(1) § 63.567(j)(2) [G]§ 63.567(k)	[G]§ 63.562(b)(6) § 63.562(e)(7)(ii) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(j)(3)	



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
54LBS#001	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a) § 63.651(b) § 63.651(c) § 63.651(d) § 63.560(d)(1) § 63.560(d)(3) § 63.560(d)(5) § 63.560(d)(7) § 63.562(b) [G]§ 63.562(b)(1) § 63.562(b)(2) [G]§ 63.562(b)(6) § 63.562(c) [G]§ 63.562(c)(2) § 63.562(c)(3) § 63.562(c)(4) [G]§ 63.562(c)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) § 63.562(e)(7)(i) [G]§ 63.563(a)(1) § 63.563(a)(2) § 63.563(a)(3)	Except as provided in §63.651(b)-(d), each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §63.560 through §63.567.	[G]§ 63.562(b)(6) [G]§ 63.563(a)(4) § 63.563(b) § 63.563(b)(1) § 63.563(b)(10) § 63.563(b)(3) [G]§ 63.563(b)(4) [G]§ 63.563(c) § 63.563(e) § 63.563(e)(2) § 63.563(e)(4) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(b)(2) § 63.564(c) § 63.565(a) [G]§ 63.565(b) § 63.565(d)(1) § 63.565(d)(10) § 63.565(d)(2) [G]§ 63.565(d)(3) § 63.565(d)(4) § 63.565(d)(6) § 63.565(d)(7) § 63.565(d)(8) § 63.565(d)(9) § 63.565(f) § 63.565(f)(1) § 63.565(l)	§ 63.655(c) [G]§ 63.562(b)(6) § 63.562(e)(5) [G]§ 63.563(a)(4) § 63.567(f) [G]§ 63.567(g) § 63.567(j)(1) § 63.567(j)(2) [G]§ 63.567(k)	§ 63.655(c) [G]§ 63.562(b)(6) § 63.562(e)(7)(ii) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(j)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
54LBS#001	EU	63Y-1	VOC	40 CFR Part 63, Subpart Y	§ 63.562(b) § 63.562(c) [G]§ 63.562(c)(2) § 63.562(c)(3) § 63.562(c)(4) [G]§ 63.562(c)(6) § 63.560(d)(1) § 63.560(d)(3) § 63.560(d)(5) § 63.560(d)(7) [G]§ 63.562(b)(1) § 63.562(b)(2) [G]§ 63.562(b)(6) § 63.562(e) § 63.562(e)(1) [G]§ 63.562(e)(2) [G]§ 63.562(e)(3) § 63.562(e)(4) § 63.562(e)(5) § 63.562(e)(6) § 63.562(e)(7) § 63.562(e)(7)(i) [G]§ 63.563(a)(1) § 63.563(a)(2) § 63.563(a)(3)	RACT standards, except the VMT source.	[G]§ 63.562(b)(6) [G]§ 63.563(a)(4) § 63.563(b) § 63.563(b)(1) § 63.563(b)(10) § 63.563(b)(3) [G]§ 63.563(b)(4) [G]§ 63.563(c) § 63.563(e) § 63.563(e)(2) § 63.563(e)(4) § 63.564(a)(2) § 63.564(a)(3) § 63.564(a)(4) § 63.564(b)(2) § 63.564(c) § 63.565(a) [G]§ 63.565(b) § 63.565(d)(1) § 63.565(d)(10) § 63.565(d)(2) [G]§ 63.565(d)(3) § 63.565(d)(4) § 63.565(d)(6) § 63.565(d)(7) § 63.565(d)(8) § 63.565(d)(9) § 63.565(f) § 63.565(f)(1) § 63.565(l)	[G]§ 63.562(b)(6) § 63.562(e)(5) [G]§ 63.563(a)(4) § 63.567(f) [G]§ 63.567(g) § 63.567(j)(1) § 63.567(j)(2) [G]§ 63.567(k)	[G]§ 63.562(b)(6) § 63.562(e)(7)(ii) § 63.567(e)(1) [G]§ 63.567(e)(2) § 63.567(e)(3) § 63.567(e)(4) § 63.567(e)(5) § 63.567(e)(6) § 63.567(f) § 63.567(j)(3)
55BLW#007	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-5a [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
55BLW#010	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-5a [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
55BRN#HRSG	EU	60DB-1	SO <sub>2</sub>	40 CFR Part 60, Subpart Db	§ 60.104(a)(1) § 60.104 § 60.104(a) § 60.40b(c)	No owner shall burn fuel gas in any gas combustion device that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare as a result of relief valve leakage or other emergency is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
55BRN#HRSG	EU	60DB-1	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
55BRN#HRSG	EU	60DB-1	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
55BRN#HRSG	EU	60DB-1	NO <sub>x</sub>	40 CFR Part 60, Subpart Db	§ 60.40b(a) § 60.44b(e) § 60.44b(f) [G]§ 60.44b(f)(1) § 60.44b(f)(2) § 60.44b(h) § 60.44b(i) § 60.46b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f)	[G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(f) § 60.49b(d) § 60.49b(g) § 60.49b(g)(1) § 60.49b(g)(10) § 60.49b(g)(2) § 60.49b(g)(3) § 60.49b(g)(4) § 60.49b(g)(5) § 60.49b(g)(6) § 60.49b(g)(8) § 60.49b(g)(9) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(g) § 60.49b(g)(10) § 60.49b(g)(2) § 60.49b(g)(3) § 60.49b(g)(4) § 60.49b(g)(5) § 60.49b(g)(6) § 60.49b(g)(8) § 60.49b(g)(9) § 60.49b(v) § 60.49b(w)
55BRN#HRSG	EU	60DB-4	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
55BRN#HRSG	EU	60DB-4	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
55BRN#HRSG	EU	60DB-4	NO <sub>x</sub>	40 CFR Part 60, Subpart Db	§ 60.40b(a) § 60.44b(a) § 60.44b(a)(4) § 60.44b(a)(4)(i) § 60.44b(h) § 60.44b(i) § 60.46b(a) § 60.48b(h)	Except as in §60.44b(k), (l), on/after §60.8 test, no facility combusting natural gas and distillate oil (duct burner in a combined cycle system) shall discharge NO <sub>x</sub> in excess of 86 ng/J heat input.	§ 60.46b(c) [G]§ 60.46b(f) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f)	[G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(f) § 60.49b(d) § 60.49b(g) § 60.49b(g)(1) § 60.49b(g)(10) § 60.49b(g)(2) § 60.49b(g)(3) § 60.49b(g)(4) § 60.49b(g)(5) § 60.49b(g)(6) § 60.49b(g)(8) § 60.49b(g)(9) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(g) § 60.49b(g)(10) § 60.49b(g)(2) § 60.49b(g)(3) § 60.49b(g)(4) § 60.49b(g)(5) § 60.49b(g)(6) § 60.49b(g)(8) § 60.49b(g)(9) § 60.49b(h)(2) § 60.49b(h)(2)(i) § 60.49b(i) § 60.49b(v) § 60.49b(w)
55BRN#HRSG	EU	60J-1	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104(a)	No owner shall burn fuel gas in any gas combustion device that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare as a result of relief valve leakage or other emergency is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
55STK_001	EP	111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

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55TRB#GTG	EU	60GG-1	SO <sub>2</sub>	40 CFR Part 60, Subpart GG	§ 60.333(b)	No stationary gas turbine shall burn any fuel which contains sulfur in excess of 0.8% by weight.	§ 60.334(h) [G]§ 60.334(h)(3)	None	None
55TRB#GTG	EU	60GG-4	SO <sub>2</sub>	40 CFR Part 60, Subpart GG	§ 60.333(b)	No stationary gas turbine shall burn any fuel which contains sulfur in excess of 0.8% by weight.	§ 60.334(h) § 60.334(h)(1) § 60.334(i) [G]§ 60.334(i)(3) § 60.334(j) § 60.334(j)(2) § 60.334(j)(2)(i) § 60.334(j)(2)(iii) [G]§ 60.335	§ 60.334(i) § 60.334(i)(2)	§ 60.334(j) § 60.334(j)(5)
55TRB#GTG	EU	60J-2	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner shall burn fuel gas in any gas combustion device that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare as a result of relief valve leakage or other emergency is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
56BLR#025	EU	60DB-5	NO <sub>x</sub>	40 CFR Part 60, Subpart Db	§ 60.44b(a)(1)(i) § 60.44b(a)(1)(ii) § 60.40b(a) § 60.40b(c) § 60.40b(g) § 60.40b(g)(1) § 60.40b(g)(2) § 60.40b(g)(3) § 60.40b(j) § 60.44b(c) § 60.44b(e) [G]§ 60.44b(f) § 60.44b(h) § 60.44b(i) § 60.44b(j) § 60.44b(l) § 60.44b(l)(1) § 60.46b(a)	Affected facilities combusting coal, oil, or natural gas, or a mixture of these fuels, or any other fuels: a limit of 86 ng/Jl (0.20 lb/million Btu) heat input unless the affected facility meets the specified requirements.	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(3) § 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) § 60.48b(e)(2) § 60.48b(e)(2)(i) § 60.48b(e)(3) § 60.48b(f)	§ 60.48b(b) § 60.48b(b)(1) § 60.48b(c) § 60.49b(d) § 60.49b(d)(1) § 60.49b(d)(2) § 60.49b(g) § 60.49b(g)(1) § 60.49b(g)(10) § 60.49b(g)(2) § 60.49b(g)(3) § 60.49b(g)(4) § 60.49b(g)(5) § 60.49b(g)(6) § 60.49b(g)(8) § 60.49b(g)(9) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(h)(2) § 60.49b(h)(2)(i) § 60.49b(h)(4) § 60.49b(i) § 60.49b(v) § 60.49b(w)
56BLR#025	EU	60JA-3	H <sub>2</sub> S	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.102a(g)(1)(ii) § 60.103a(c) § 60.103a(c)(2) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) § 60.103a(e) § 60.103a(e)(1) § 60.103a(e)(2) § 60.103a(e)(3) § 60.107a(i) § 60.107a(i)(1)(ii)	The owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H <sub>2</sub> S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(j) [G]§ 60.104a(j)(4) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(a)(3) § 60.107a(a)(3)(i) § 60.107a(a)(3)(ii) § 60.107a(a)(3)(iii)	§ 60.103a(d)(5) § 60.103a(e)(1) § 60.103a(e)(3) § 60.107a(a)(2) § 60.108a(a) § 60.108a(c) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements  (30 TAC § 122.144)	Reporting Requirements  (30 TAC § 122.145)
56BLR#025	EU	63DDDDD-5	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(a) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(g) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(c) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
56BLR#026	EU	60DB-5	NO <sub>x</sub>	40 CFR Part 60, Subpart Db	§ 60.44b(a)(1)(i) § 60.44b(a)(1)(ii) § 60.40b(a) § 60.40b(c) § 60.40b(g) § 60.40b(g)(1) § 60.40b(g)(2) § 60.40b(g)(3) § 60.40b(j) § 60.44b(c) § 60.44b(e) [G]§ 60.44b(f) § 60.44b(h) § 60.44b(i) § 60.44b(j) § 60.44b(l) § 60.44b(l)(1) § 60.46b(a)	Affected facilities combusting coal, oil, or natural gas, or a mixture of these fuels, or any other fuels: a limit of 86 ng/Jl (0.20 lb/million Btu) heat input unless the affected facility meets the specified requirements.	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) § 60.46b(e)(3) § 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) § 60.48b(e)(2) § 60.48b(e)(2)(i) § 60.48b(e)(3) § 60.48b(f)	§ 60.48b(b) § 60.48b(b)(1) § 60.48b(c) § 60.49b(d) § 60.49b(d)(1) § 60.49b(d)(2) § 60.49b(g) § 60.49b(g)(1) § 60.49b(g)(10) § 60.49b(g)(2) § 60.49b(g)(3) § 60.49b(g)(4) § 60.49b(g)(5) § 60.49b(g)(6) § 60.49b(g)(8) § 60.49b(g)(9) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(h)(2) § 60.49b(h)(2)(i) § 60.49b(h)(4) § 60.49b(i) § 60.49b(v) § 60.49b(w)



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
56BLR#026	EU	60JA-3	H <sub>2</sub> S	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.102a(g)(1)(ii) § 60.103a(c) § 60.103a(c)(2) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) § 60.103a(e) § 60.103a(e)(1) § 60.103a(e)(2) § 60.103a(e)(3) § 60.107a(i) § 60.107a(i)(1)(ii)	The owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H <sub>2</sub> S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(j) [G]§ 60.104a(j)(4) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(a)(3) § 60.107a(a)(3)(i) § 60.107a(a)(3)(ii) § 60.107a(a)(3)(iii)	§ 60.103a(d)(5) § 60.103a(e)(1) § 60.103a(e)(3) § 60.107a(a)(2) § 60.108a(a) § 60.108a(c) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
56BLR#026	EU	63DDDD-5	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(a) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(g) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(c) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
56BLW#007	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-5a [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
56STK_025	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
56STK_026	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
57BLR#033	EU	117-13	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any boiler subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a) § 117.140(a)(2) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(A) § 117.140(b)(3) § 117.140(d) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2)(B) § 117.145(f)(7) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
57BLR#033	EU	117-13	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(1) § 117.110(b) § 117.110(b)(1) § 117.110(b)(1)(B) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(1) § 117.115(b)(1)(B) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.130(d)(1) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(3)(A) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(2) § 117.135(g) § 117.140(a) § 117.140(a)(2) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(A) § 117.140(b)(3) § 117.140(c)(1) § 117.140(c)(1)(A) § 117.140(c)(3) § 117.140(c)(3)(B) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8100(a)(6)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2) § 117.145(f)(2)(A) § 117.145(f)(8) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
57BLR#033	EU	60J-CD32	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
57BLR#033	EU	63DDDDDD-2	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.1 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(12) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater every 5 years as specified in §63.7540 for a new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
57BLR#034	EU	117-14	CO	30 TAC Chapter 117, Subchapter B	§ 117.110(c)(1) § 117.110(c) § 117.110(c)(1)(A) § 117.110(c)(3) § 117.140(k)	No person shall allow the discharge into the atmosphere from any boiler subject to NO <sub>x</sub> emission specifications in § 117.110(a) CO in excess of 400 ppmv at 3.0% oxygen, dry basis, except as provided in § 117.125 or § 117.110(c)(3).	§ 117.135(a)(1) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(3) § 117.135(g) § 117.140(a) § 117.140(a)(2) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(A) § 117.140(b)(3) § 117.140(d) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(2) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(B)(iii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8120 § 117.8120(1) § 117.8120(1)(A)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2)(B) § 117.145(f)(7) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
57BLR#034	EU	117-14	NO <sub>x</sub>	30 TAC Chapter 117, Subchapter B	§ 117.110(a) § 117.110(a)(1) § 117.110(b) § 117.110(b)(1) § 117.110(b)(1)(B) § 117.110(d)(1) § 117.110(d)(1)(A) § 117.115(a) § 117.115(b) § 117.115(b)(1) § 117.115(b)(1)(B) § 117.115(g) § 117.115(g)(1) § 117.115(i) § 117.130(b) § 117.130(d) § 117.130(d)(1) § 117.140(k)	Compliance with the NO <sub>x</sub> emission specifications of § 117.110 may be achieved by equivalent NO <sub>x</sub> emission reductions with a plant-wide emission specification. The plant-wide emission specification shall reduce emissions of NO <sub>x</sub> from affected units so that if all such units were operated at their maximum rated capacity, the plant-wide emission rate of NO <sub>x</sub> from these units would not exceed the plant-wide emission specification as defined in § 117.10 of this title.	§ 117.135(a)(1) § 117.135(a)(3)(A) § 117.135(a)(4) § 117.135(b) § 117.135(c) § 117.135(d) § 117.135(f) § 117.135(f)(2) § 117.135(g) § 117.140(a) § 117.140(a)(2) § 117.140(a)(2)(A) § 117.140(b)(1) § 117.140(b)(1)(A) § 117.140(b)(3) § 117.140(c)(1) § 117.140(c)(1)(A) § 117.140(c)(3) § 117.140(c)(3)(B) § 117.140(e) § 117.8000(a) § 117.8000(b) § 117.8000(c) § 117.8000(c)(1) § 117.8000(c)(3) § 117.8000(c)(5) § 117.8000(c)(6) [G]§ 117.8000(d) § 117.8100(a) § 117.8100(a)(1) § 117.8100(a)(1)(A) § 117.8100(a)(1)(B) § 117.8100(a)(1)(B)(i) § 117.8100(a)(1)(B)(ii) § 117.8100(a)(1)(C) § 117.8100(a)(2) § 117.8100(a)(6)	§ 117.145(a) § 117.145(f) § 117.145(f)(1) § 117.145(f)(2) § 117.145(f)(2)(A) § 117.145(f)(8) § 117.145(f)(9)	§ 117.135(b) § 117.135(g) [G]§ 117.145(b) [G]§ 117.145(c) § 117.145(d) § 117.145(d)(1) § 117.145(d)(2) § 117.145(d)(3) § 117.145(d)(4) § 117.145(d)(5) § 117.8010 [G]§ 117.8010(1) § 117.8010(2) § 117.8010(2)(A) § 117.8010(2)(B) § 117.8010(2)(C) § 117.8010(2)(D) [G]§ 117.8010(3) § 117.8010(4) [G]§ 117.8010(5) § 117.8010(6) [G]§ 117.8010(7) [G]§ 117.8010(8) § 117.8100(c)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
57BLR#034	EU	60J-CD33	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
57BLR#034	EU	63DDDDDD-2	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.1 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(12) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater every 5 years as specified in §63.7540 for a new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
57STK_033	EP	111-7	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
57STK_034	EP	111-8	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
60FLR#001	EU	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements  (30 TAC § 122.144)	Reporting Requirements  (30 TAC § 122.145)
60FLR#001	EU	60Ja-1	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(c) [G]§ 60.103a(c)(1) [G]§ 60.103a(d) § 60.103a(f) § 60.103a(h) § 60.107a(a) [G]§ 60.107a(a)(3) § 60.107a(a)(4) § 60.107a(b)(2) § 60.107a(b)(3) [G]§ 60.107a(e)(4) § 60.107a(i) [G]§ 60.107a(i)(2)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) [G]§ 60.107a(a)(2) § 60.107a(b)(3)(i) § 60.107a(b)(3)(iii) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g)	[G]§ 60.103a(a) [G]§ 60.103a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g) § 60.108a(c) § 60.108a(c)(1) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(iv) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x) § 60.108a(c)(6)(xi) § 60.108a(c)(7)	[G]§ 60.103a(b) [G]§ 60.103a(j) § 60.107a(b) [G]§ 60.107a(b)(1) § 60.107a(b)(3)(ii) [G]§ 60.108a(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FLR#001	CD	63A-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.670 § 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) § 63.670(k) § 63.670(k)(1) § 63.670(k)(2) § 63.670(k)(2)(i) § 63.670(k)(3) § 63.670(k)(4) § 63.670(l) § 63.670(l)(2) § 63.670(l)(5) § 63.670(l)(5)(iii) § 63.670(l)(5)(ii)(A) § 63.670(l)(5)(ii)(B) § 63.670(m) § 63.670(m)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) § 63.670(o)(5) § 63.670(o)(5)(ii) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c)	On or before January 30, 2019, the owner or operator of a flare used as a control device for an emission point subject to this subpart shall meet the applicable requirements for flares as specified in paragraphs (a) through (q) of this section and the applicable requirements in §63.671.	§ 63.670(g) § 63.670(h) § 63.670(h)(2) § 63.670(i) § 63.670(i)(1) § 63.670(i)(4) § 63.670(j) § 63.670(j)(1) § 63.670(j)(3) § 63.670(j)(4) § 63.670(j)(5)	§ 63.670(h) § 63.670(i) § 63.670(j)(1) § 63.670(j)(4) [G]§ 63.670(o)(1) § 63.670(o)(5)(i) § 63.670(o)(5)(iii) § 63.670(p) § 63.671(a)(2) [G]§ 63.671(d)	§ 63.670(h) [G]§ 63.670(o)(2) § 63.670(q) § 63.671(b)
60FLR#002	EU	R1111-2	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FLR#002	EU	60Ja-1	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(c) [G]§ 60.103a(c)(1) [G]§ 60.103a(d) § 60.103a(f) § 60.103a(h) § 60.107a(a) [G]§ 60.107a(a)(3) § 60.107a(a)(4) § 60.107a(b)(2) § 60.107a(b)(3) [G]§ 60.107a(e)(4) § 60.107a(i) [G]§ 60.107a(i)(2)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) [G]§ 60.107a(a)(2) § 60.107a(b)(3)(i) § 60.107a(b)(3)(iii) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g)	[G]§ 60.103a(a) [G]§ 60.103a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g) § 60.108a(c) § 60.108a(c)(1) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(iv) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x) § 60.108a(c)(6)(xi) § 60.108a(c)(7)	[G]§ 60.103a(b) [G]§ 60.103a(j) § 60.107a(b) [G]§ 60.107a(b)(1) § 60.107a(b)(3)(ii) [G]§ 60.108a(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FLR#002	CD	63A-2	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.670 § 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) § 63.670(k) § 63.670(k)(1) § 63.670(k)(2) § 63.670(k)(2)(i) § 63.670(k)(3) § 63.670(k)(4) § 63.670(l) § 63.670(l)(2) § 63.670(l)(5) § 63.670(l)(5)(iii) § 63.670(l)(5)(ii)(A) § 63.670(l)(5)(ii)(B) § 63.670(m) § 63.670(m)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) § 63.670(o)(5) § 63.670(o)(5)(ii) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c)	On or before January 30, 2019, the owner or operator of a flare used as a control device for an emission point subject to this subpart shall meet the applicable requirements for flares as specified in paragraphs (a) through (q) of this section and the applicable requirements in §63.671.	§ 63.670(g) § 63.670(h) § 63.670(h)(2) § 63.670(i) § 63.670(i)(1) § 63.670(i)(4) § 63.670(j) § 63.670(j)(1) § 63.670(j)(3) § 63.670(j)(4) § 63.670(j)(5)	§ 63.670(h) § 63.670(i) § 63.670(j)(1) § 63.670(j)(4) [G]§ 63.670(o)(1) § 63.670(o)(5)(i) § 63.670(o)(5)(iii) § 63.670(p) § 63.671(a)(2) [G]§ 63.671(d)	§ 63.670(h) [G]§ 63.670(o)(2) § 63.670(q) § 63.671(b)
60FLR#003	EU	R1111-3	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FLR#003	CD	60A-3	Opacity	40 CFR Part 60, Subpart A	§ 60.18(a) § 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
60FLR#003	EU	60Ja-1	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(c) [G]§ 60.103a(c)(1) [G]§ 60.103a(d) § 60.103a(f) § 60.103a(h) § 60.107a(a) [G]§ 60.107a(a)(3) § 60.107a(a)(4) § 60.107a(b)(2) § 60.107a(b)(3) [G]§ 60.107a(e)(4) § 60.107a(i) [G]§ 60.107a(i)(2)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) [G]§ 60.107a(a)(2) § 60.107a(b)(3)(i) § 60.107a(b)(3)(iii) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g)	[G]§ 60.103a(a) [G]§ 60.103a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g) § 60.108a(c) § 60.108a(c)(1) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(iv) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x) § 60.108a(c)(6)(xi) § 60.108a(c)(7)	[G]§ 60.103a(b) [G]§ 60.103a(j) § 60.107a(b) [G]§ 60.107a(b)(1) § 60.107a(b)(3)(ii) [G]§ 60.108a(d)
60FLR#004	EU	R1111-4	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FLR#004	EU	60Ja-1	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(c) [G]§ 60.103a(c)(1) [G]§ 60.103a(d) § 60.103a(f) § 60.103a(h) § 60.107a(a) [G]§ 60.107a(a)(3) § 60.107a(a)(4) § 60.107a(b)(2) § 60.107a(b)(3) [G]§ 60.107a(e)(4) § 60.107a(i) [G]§ 60.107a(i)(2)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) [G]§ 60.107a(a)(2) § 60.107a(b)(3)(i) § 60.107a(b)(3)(iii) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g)	[G]§ 60.103a(a) [G]§ 60.103a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g) § 60.108a(c) § 60.108a(c)(1) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(iv) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x) § 60.108a(c)(6)(xi) § 60.108a(c)(7)	[G]§ 60.103a(b) [G]§ 60.103a(j) § 60.107a(b) [G]§ 60.107a(b)(1) § 60.107a(b)(3)(ii) [G]§ 60.108a(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FLR#004	CD	63A-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.670 § 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) § 63.670(k) § 63.670(k)(1) § 63.670(k)(2) § 63.670(k)(2)(i) § 63.670(k)(3) § 63.670(k)(4) § 63.670(l) § 63.670(l)(2) § 63.670(l)(5) § 63.670(l)(5)(iii) § 63.670(l)(5)(ii)(A) § 63.670(l)(5)(ii)(B) § 63.670(m) § 63.670(m)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) § 63.670(o)(5) § 63.670(o)(5)(ii) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c)	On or before January 30, 2019, the owner or operator of a flare used as a control device for an emission point subject to this subpart shall meet the applicable requirements for flares as specified in paragraphs (a) through (q) of this section and the applicable requirements in §63.671.	§ 63.670(g) § 63.670(h) § 63.670(h)(2) § 63.670(i) § 63.670(i)(1) § 63.670(i)(4) § 63.670(j) § 63.670(j)(1) § 63.670(j)(3) § 63.670(j)(4) § 63.670(j)(5)	§ 63.670(h) § 63.670(i) § 63.670(j)(1) § 63.670(j)(4) [G]§ 63.670(o)(1) § 63.670(o)(5)(i) § 63.670(o)(5)(iii) § 63.670(p) § 63.671(a)(2) [G]§ 63.671(d)	§ 63.670(h) [G]§ 63.670(o)(2) § 63.670(q) § 63.671(b)
60FLR#005	EU	R1111-5	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FLR#005	EU	60Ja-1	§111 Pollutant	40 CFR Part 60, Subpart Ja	§ 60.103a(c) [G]§ 60.103a(c)(1) [G]§ 60.103a(d) § 60.103a(f) § 60.103a(h) § 60.107a(a) [G]§ 60.107a(a)(3) § 60.107a(a)(4) § 60.107a(b)(2) § 60.107a(b)(3) [G]§ 60.107a(e)(4) § 60.107a(i) [G]§ 60.107a(i)(2)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) [G]§ 60.107a(a)(2) § 60.107a(b)(3)(i) § 60.107a(b)(3)(iii) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g)	[G]§ 60.103a(a) [G]§ 60.103a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g) § 60.108a(c) § 60.108a(c)(1) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(iv) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x) § 60.108a(c)(6)(xi) § 60.108a(c)(7)	[G]§ 60.103a(b) [G]§ 60.103a(j) § 60.107a(b) [G]§ 60.107a(b)(1) § 60.107a(b)(3)(ii) [G]§ 60.108a(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FLR#005	CD	63A-4	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.670 § 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) § 63.670(k) § 63.670(k)(1) § 63.670(k)(2) § 63.670(k)(2)(i) § 63.670(k)(3) § 63.670(k)(4) § 63.670(l) § 63.670(l)(2) § 63.670(l)(5) § 63.670(l)(5)(iii) § 63.670(l)(5)(ii)(A) § 63.670(l)(5)(ii)(B) § 63.670(m) § 63.670(m)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) § 63.670(o)(5) § 63.670(o)(5)(ii) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c)	On or before January 30, 2019, the owner or operator of a flare used as a control device for an emission point subject to this subpart shall meet the applicable requirements for flares as specified in paragraphs (a) through (q) of this section and the applicable requirements in §63.671.	§ 63.670(g) § 63.670(h) § 63.670(h)(2) § 63.670(i) § 63.670(i)(1) § 63.670(i)(4) § 63.670(j) § 63.670(j)(1) § 63.670(j)(3) § 63.670(j)(4) § 63.670(j)(5)	§ 63.670(h) § 63.670(i) § 63.670(j)(1) § 63.670(j)(4) [G]§ 63.670(o)(1) § 63.670(o)(5)(i) § 63.670(o)(5)(iii) § 63.670(p) § 63.671(a)(2) [G]§ 63.671(d)	§ 63.670(h) [G]§ 63.670(o)(2) § 63.670(q) § 63.671(b)
60FLR#006	EU	R1111-6	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FLR#006	EU	60Ja-1	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(c) [G]§ 60.103a(c)(1) [G]§ 60.103a(d) § 60.103a(f) § 60.103a(h) § 60.107a(a) [G]§ 60.107a(a)(3) § 60.107a(a)(4) § 60.107a(b)(2) § 60.107a(b)(3) [G]§ 60.107a(e)(4) § 60.107a(i) [G]§ 60.107a(i)(2)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) [G]§ 60.107a(a)(2) § 60.107a(b)(3)(i) § 60.107a(b)(3)(iii) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g)	[G]§ 60.103a(a) [G]§ 60.103a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g) § 60.108a(c) § 60.108a(c)(1) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(iv) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x) § 60.108a(c)(6)(xi) § 60.108a(c)(7)	[G]§ 60.103a(b) [G]§ 60.103a(j) § 60.107a(b) [G]§ 60.107a(b)(1) § 60.107a(b)(3)(ii) [G]§ 60.108a(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FLR#006	CD	63A-5	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.670 § 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) § 63.670(k) § 63.670(k)(1) § 63.670(k)(2) § 63.670(k)(2)(i) § 63.670(k)(3) § 63.670(k)(4) § 63.670(l) § 63.670(l)(2) § 63.670(l)(5) § 63.670(l)(5)(iii) § 63.670(l)(5)(ii)(A) § 63.670(l)(5)(ii)(B) § 63.670(m) § 63.670(m)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) § 63.670(o)(5) § 63.670(o)(5)(ii) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c)	On or before January 30, 2019, the owner or operator of a flare used as a control device for an emission point subject to this subpart shall meet the applicable requirements for flares as specified in paragraphs (a) through (q) of this section and the applicable requirements in §63.671.	§ 63.670(g) § 63.670(h) § 63.670(h)(2) § 63.670(i) § 63.670(i)(1) § 63.670(i)(4) § 63.670(j) § 63.670(j)(1) § 63.670(j)(3) § 63.670(j)(4) § 63.670(j)(5)	§ 63.670(h) § 63.670(i) § 63.670(j)(1) § 63.670(j)(4) [G]§ 63.670(o)(1) § 63.670(o)(5)(i) § 63.670(o)(5)(iii) § 63.670(p) § 63.671(a)(2) [G]§ 63.671(d)	§ 63.670(h) [G]§ 63.670(o)(2) § 63.670(q) § 63.671(b)
60FLR#008	EU	R1111-8	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements  (30 TAC § 122.144)	Reporting Requirements  (30 TAC § 122.145)
60FLR#008	EU	60Ja-1	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(c) [G]§ 60.103a(c)(1) [G]§ 60.103a(d) § 60.103a(f) § 60.103a(h) § 60.107a(a) [G]§ 60.107a(a)(3) § 60.107a(a)(4) § 60.107a(b)(2) § 60.107a(b)(3) [G]§ 60.107a(e)(4) § 60.107a(i) [G]§ 60.107a(i)(2)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) [G]§ 60.107a(a)(2) § 60.107a(b)(3)(i) § 60.107a(b)(3)(iii) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g)	[G]§ 60.103a(a) [G]§ 60.103a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g) § 60.108a(c) § 60.108a(c)(1) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(iv) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x) § 60.108a(c)(6)(xi) § 60.108a(c)(7)	[G]§ 60.103a(b) [G]§ 60.103a(j) § 60.107a(b) [G]§ 60.107a(b)(1) § 60.107a(b)(3)(ii) [G]§ 60.108a(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FLR#008	CD	63A-7	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.670 § 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) § 63.670(k) § 63.670(k)(1) § 63.670(k)(2) § 63.670(k)(2)(i) § 63.670(k)(3) § 63.670(k)(4) § 63.670(l) § 63.670(l)(2) § 63.670(l)(5) § 63.670(l)(5)(iii) § 63.670(l)(5)(ii)(A) § 63.670(l)(5)(ii)(B) § 63.670(m) § 63.670(m)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) § 63.670(o)(5) § 63.670(o)(5)(ii) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c)	On or before January 30, 2019, the owner or operator of a flare used as a control device for an emission point subject to this subpart shall meet the applicable requirements for flares as specified in paragraphs (a) through (q) of this section and the applicable requirements in §63.671.	§ 63.670(g) § 63.670(h) § 63.670(h)(2) § 63.670(i) § 63.670(i)(1) § 63.670(i)(4) § 63.670(j) § 63.670(j)(1) § 63.670(j)(3) § 63.670(j)(4) § 63.670(j)(5)	§ 63.670(h) § 63.670(i) § 63.670(j)(1) § 63.670(j)(4) [G]§ 63.670(o)(1) § 63.670(o)(5)(i) § 63.670(o)(5)(iii) § 63.670(p) § 63.671(a)(2) [G]§ 63.671(d)	§ 63.670(h) [G]§ 63.670(o)(2) § 63.670(q) § 63.671(b)
60FLR#009	EU	111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FLR#009	CD	63A-1	Opacity	40 CFR Part 63, Subpart A	§ 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(6) § 63.11(b)(6)(ii) § 63.11(b)(8)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5)	None	None
60FLR#009	CD	63A-1	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.11	During the initial performance test required in paragraph (b)(1) of this section, the owner or operator shall establish that the flare used to comply with the emissions standards in §63.562(b)(2), (3), and (4), (c)(3) and (4), and (d)(2) is in compliance with the design requirements for flares cited in §63.565(e).	§ 63.563(b)(5) § 63.564(f) § 63.565(e)	§ 63.564(f) § 63.565(e)	§ 63.567(d)
60FLR#010	EU	R1111-9	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements  (30 TAC § 122.144)	Reporting Requirements  (30 TAC § 122.145)
60FLR#010	EU	60Ja-1	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(c) [G]§ 60.103a(c)(1) [G]§ 60.103a(d) § 60.103a(f) § 60.103a(h) § 60.107a(a) [G]§ 60.107a(a)(3) § 60.107a(a)(4) § 60.107a(b)(2) § 60.107a(b)(3) [G]§ 60.107a(e)(4) § 60.107a(i) [G]§ 60.107a(i)(2)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) [G]§ 60.107a(a)(2) § 60.107a(b)(3)(i) § 60.107a(b)(3)(iii) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g)	[G]§ 60.103a(a) [G]§ 60.103a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g) § 60.108a(c) § 60.108a(c)(1) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(iv) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x) § 60.108a(c)(6)(xi) § 60.108a(c)(7)	[G]§ 60.103a(b) [G]§ 60.103a(j) § 60.107a(b) [G]§ 60.107a(b)(1) § 60.107a(b)(3)(ii) [G]§ 60.108a(d)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FLR#010	CD	63A-8	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.670 § 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) § 63.670(k) § 63.670(k)(1) § 63.670(k)(2) § 63.670(k)(2)(i) § 63.670(k)(3) § 63.670(k)(4) § 63.670(l) § 63.670(l)(2) § 63.670(l)(5) § 63.670(l)(5)(iii) § 63.670(l)(5)(ii)(A) § 63.670(l)(5)(ii)(B) § 63.670(m) § 63.670(m)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) § 63.670(o)(5) § 63.670(o)(5)(ii) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c)	On or before January 30, 2019, the owner or operator of a flare used as a control device for an emission point subject to this subpart shall meet the applicable requirements for flares as specified in paragraphs (a) through (q) of this section and the applicable requirements in §63.671.	§ 63.670(g) § 63.670(h) § 63.670(h)(2) § 63.670(i) § 63.670(i)(1) § 63.670(i)(4) § 63.670(j) § 63.670(j)(1) § 63.670(j)(3) § 63.670(j)(4) § 63.670(j)(5)	§ 63.670(h) § 63.670(i) § 63.670(j)(1) § 63.670(j)(4) [G]§ 63.670(o)(1) § 63.670(o)(5)(i) § 63.670(o)(5)(iii) § 63.670(p) § 63.671(a)(2) [G]§ 63.671(d)	§ 63.670(h) [G]§ 63.670(o)(2) § 63.670(q) § 63.671(b)
60FLR#012	CD	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FLR#012	EU	60JA-1	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.103a(c) [G]§ 60.103a(c)(1) [G]§ 60.103a(d) § 60.103a(f) § 60.103a(h) § 60.107a(a) [G]§ 60.107a(a)(3) § 60.107a(a)(4) § 60.107a(b)(2) § 60.107a(b)(3) [G]§ 60.107a(e)(4) § 60.107a(i) [G]§ 60.107a(i)(2)	Each owner or operator shall not burn in any affected flare any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis. The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this limit.	§ 60.104a(a) § 60.104a(c) [G]§ 60.104a(j) § 60.107a(a) [G]§ 60.107a(a)(2) § 60.107a(b)(3)(i) § 60.107a(b)(3)(iii) § 60.107a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g)	[G]§ 60.103a(a) [G]§ 60.103a(e) [G]§ 60.107a(e)(1) [G]§ 60.107a(e)(2) § 60.107a(e)(3) [G]§ 60.107a(f) [G]§ 60.107a(g) § 60.108a(c) § 60.108a(c)(1) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(iv) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x) § 60.108a(c)(6)(xi) § 60.108a(c)(7)	[G]§ 60.103a(b) [G]§ 60.103a(j) § 60.107a(b) [G]§ 60.107a(b)(1) § 60.107a(b)(3)(ii) [G]§ 60.108a(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FLR#012	EU	63CC-1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.670 § 63.670(b) § 63.670(c) [G]§ 63.670(d) § 63.670(e) § 63.670(k) § 63.670(k)(1) § 63.670(k)(2) § 63.670(k)(2)(i) § 63.670(k)(3) § 63.670(k)(4) § 63.670(l) § 63.670(l)(2) § 63.670(l)(5) § 63.670(l)(5)(iii) § 63.670(l)(5)(ii)(A) § 63.670(l)(5)(ii)(B) § 63.670(m) § 63.670(m)(1) § 63.670(o) [G]§ 63.670(o)(1) [G]§ 63.670(o)(3) [G]§ 63.670(o)(4) § 63.670(o)(5) § 63.670(o)(5)(ii) § 63.670(o)(6) [G]§ 63.670(o)(7) [G]§ 63.671(a) [G]§ 63.671(b) [G]§ 63.671(c)	On or before January 30, 2019, the owner or operator of a flare used as a control device for an emission point subject to this subpart shall meet the applicable requirements for flares as specified in paragraphs (a) through (q) of this section and the applicable requirements in §63.671.	§ 63.670(g) § 63.670(h) § 63.670(h)(2) § 63.670(i) § 63.670(i)(1) § 63.670(i)(4) § 63.670(j) § 63.670(j)(1) § 63.670(j)(3) § 63.670(j)(4) § 63.670(j)(5)	§ 63.670(h) § 63.670(i) § 63.670(j)(1) § 63.670(j)(4) [G]§ 63.670(o)(1) § 63.670(o)(5)(i) § 63.670(o)(5)(iii) § 63.670(p) § 63.671(a)(2) [G]§ 63.671(d)	§ 63.670(h) [G]§ 63.670(o)(2) § 63.670(q) § 63.671(b)
60FUG#001	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

# Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
60FUG#002	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
60FUG#003	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
61BRN#001	EU	60DB-1	SO <sub>2</sub>	40 CFR Part 60, Subpart Db	§ 60.40b(c) § 60.104(a)(1) § 60.104	No owner shall burn fuel gas in any gas combustion device that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare as a result of relief valve leakage or other emergency is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
61BRN#001	EU	60DB-1	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a) § 60.40b(c)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
61BRN#001	EU	60DB-1	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a) § 60.40b(c)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
61BRN#001	EU	60DB-1	NO <sub>x</sub>	40 CFR Part 60, Subpart Db	§ 60.40b(c) § 60.44b(h) § 60.44b(i) § 60.44b(l)(1) § 60.46b(a) § 60.48b(h)	Affected facilities combusting coal, oil, or natural gas, or a mixture of these fuels, or any other fuels: a limit of 86 ng/Jl (0.20 lb/million Btu) heat input unless the affected facility meets the specified requirements.	§ 60.46b(c) § 60.46b(f) [G]§ 60.46b(f)(1)	§ 60.49b(d) § 60.49b(g) § 60.49b(g)(1) § 60.49b(g)(2) § 60.49b(g)(3) § 60.49b(g)(4) § 60.49b(g)(5) § 60.49b(g)(6) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b)
61BRN#001	EU	60J-1	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
61BRN#002	EU	60DB-2	SO <sub>2</sub>	40 CFR Part 60, Subpart Db	§ 60.40b(c) § 60.104(a)(1) § 60.104	No owner shall burn fuel gas in any gas combustion device that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare as a result of relief valve leakage or other emergency is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
61BRN#002	EU	60DB-2	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a) § 60.40b(c)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
61BRN#002	EU	60DB-2	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a) § 60.40b(c)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
61BRN#002	EU	60DB-2	NO <sub>x</sub>	40 CFR Part 60, Subpart Db	§ 60.40b(c) § 60.44b(h) § 60.44b(i) § 60.44b(l)(1) § 60.46b(a) § 60.48b(h)	Affected facilities combusting coal, oil, or natural gas, or a mixture of these fuels, or any other fuels: a limit of 86 ng/JI (0.20 lb/million Btu) heat input unless the affected facility meets the specified requirements.	§ 60.46b(c) § 60.46b(f) [G]§ 60.46b(f)(1)	§ 60.49b(d) § 60.49b(g) § 60.49b(g)(1) § 60.49b(g)(2) § 60.49b(g)(3) § 60.49b(g)(4) § 60.49b(g)(5) § 60.49b(g)(6) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
61BRN#002	EU	60J-2	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
61BRN#003	EU	60DB-3	SO <sub>2</sub>	40 CFR Part 60, Subpart Db	§ 60.40b(c) § 60.104(a)(1) § 60.104	No owner shall burn fuel gas in any gas combustion device that contains hydrogen sulfide (H <sub>2</sub> S) in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare as a result of relief valve leakage or other emergency is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)
61BRN#003	EU	60DB-3	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a) § 60.40b(c)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
61BRN#003	EU	60DB-3	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a) § 60.40b(c)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
61BRN#003	EU	60DB-3	NO <sub>x</sub>	40 CFR Part 60, Subpart Db	§ 60.40b(c) § 60.44b(h) § 60.44b(i) § 60.44b(l)(1) § 60.46b(a) § 60.48b(h)	Affected facilities combusting coal, oil, or natural gas, or a mixture of these fuels, or any other fuels: a limit of 86 ng/Jl (0.20 lb/million Btu) heat input unless the affected facility meets the specified requirements.	§ 60.46b(c) § 60.46b(f) [G]§ 60.46b(f)(1)	§ 60.49b(d) § 60.49b(g) § 60.49b(g)(1) § 60.49b(g)(2) § 60.49b(g)(3) § 60.49b(g)(4) § 60.49b(g)(5) § 60.49b(g)(6) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b)
61BRN#003	EU	60J-3	Hydrogen Sulfide	40 CFR Part 60, Subpart J	§ 60.104(a)(1) § 60.104	No owner or operator subject to the provisions of this subpart shall burn in any fuel gas combustion device any fuel gas that contains hydrogen sulfide in excess of 230 mg/dscm (0.10 gr/dscf). The combustion in a flare of process upset gases or fuel gas that is released to the flare as a result of relief valve leakage or other emergency malfunctions is exempt from this paragraph.	§ 60.105(a) § 60.105(a)(4) § 60.105(a)(4)(i) § 60.105(a)(4)(ii) § 60.105(a)(4)(iii) § 60.105(e) § 60.105(e)(3)(ii) § 60.106(a) [G]§ 60.106(e)(1)	§ 60.105(a)(4)	§ 60.105(e) § 60.105(e)(3)(ii) § 60.107(f) § 60.107(g)



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
61STK_001	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
61STK_002	EP	R1111-2	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
61STK_003	EP	R1111-3	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
61TLO#GTG1	EU	R5112-258	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
61TLO#GTG2	EU	R5112-259	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
61TLO#GTG3	EU	R5112-260	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
61TRB#001	EU	60GG-1	SO <sub>2</sub>	40 CFR Part 60, Subpart GG	§ 60.333(b)	No owner or operator subject to the provisions of this subpart shall burn in any stationary gas turbine any fuel which contains total sulfur in excess of 0.8 percent by weight (8000 ppmw).	§ 60.334(h) § 60.334(h)(3) § 60.334(h)(3)(i) [G]§ 60.335	None	None
61TRB#001	EU	60GG-1	NO <sub>x</sub>	40 CFR Part 60, Subpart GG	§ 60.332(a)(1) § 60.332(a)(3) § 60.332(b)	No owner or operator shall discharge into the atmosphere from any stationary gas turbine, any gases which contain nitrogen oxides in excess of the amount as determined from the specified equation.	§ 60.334(c) [G]§ 60.335	None	None
61TRB#002	EU	60GG-2	SO <sub>2</sub>	40 CFR Part 60, Subpart GG	§ 60.333(b)	No owner or operator subject to the provisions of this subpart shall burn in any stationary gas turbine any fuel which contains total sulfur in excess of 0.8 percent by weight (8000 ppmw).	§ 60.334(h) § 60.334(h)(3) § 60.334(h)(3)(i) [G]§ 60.335	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements  (30 TAC § 122.144)	Reporting Requirements  (30 TAC § 122.145)
61TRB#002	EU	60GG-2	NO <sub>x</sub>	40 CFR Part 60, Subpart GG	§ 60.332(a)(1) § 60.332(a)(3) § 60.332(b)	No owner or operator shall discharge into the atmosphere from any stationary gas turbine, any gases which contain nitrogen oxides in excess of the amount as determined from the specified equation.	§ 60.334(c) [G]§ 60.335	None	None
61TRB#003	EU	60GG-3	SO <sub>2</sub>	40 CFR Part 60, Subpart GG	§ 60.333(b)	No owner or operator subject to the provisions of this subpart shall burn in any stationary gas turbine any fuel which contains total sulfur in excess of 0.8 percent by weight (8000 ppmw).	§ 60.334(h) § 60.334(h)(3) § 60.334(h)(3)(i) [G]§ 60.335	None	None
61TRB#003	EU	60GG-3	NO <sub>x</sub>	40 CFR Part 60, Subpart GG	§ 60.332(a)(1) § 60.332(a)(3) § 60.332(b)	No owner or operator shall discharge into the atmosphere from any stationary gas turbine, any gases which contain nitrogen oxides in excess of the amount as determined from the specified equation.	§ 60.334(c) [G]§ 60.335	None	None
62ENG#001	EU	60III-5	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4218 § 89.112(a) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(i) § 60.4211(f)(3) § 60.4205(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
62ENG#001	EU	60IIII-5	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4218 § 89.112(a) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(i) § 60.4211(f)(3) § 60.4205(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than 560 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 6.4 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	
62ENG#001	EU	60IIII-5	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(i) § 60.4211(f)(3) § 60.4205(a)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2) and §89.113(a)(1)-(3) and §1039.105(b)(1)-(3).	None	None	

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
62ENG#001	EU	60IIII-5	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4218 § 89.112(a) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(i) § 60.4211(f)(3) § 60.4205(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	
62ENG#001	EU	63ZZZZ-5	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6590(b)(1)(i) § 63.6595(c)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(a) § 63.6645(a)(3)
62REM#001	EU	63GGGGG-1	112(B) HAPS	40 CFR Part 63, Subpart GGGGG	[G]§ 63.7884 § 63.7886(a) § 63.7886(b) § 63.7886(b)(1) § 63.7886(b)(1)(i) § 63.7886(b)(1)(ii) § 63.7886(b)(1)(v) § 63.7886(b)(3) § 63.7886(d) § 63.7886(d)(2) [G]§ 63.7887 [G]§ 63.7900 § 63.7901(a) § 63.7901(b)(1)	For each site remediation with an affected source designated under §63.7882, you must meet the standards specified in §§63.7885 through 63.7955, as applicable to your affected source, unless your site remediation meets the requirements for an exemption under paragraph (b) of this section.	§ 63.7886(b)(2) § 63.7902(a) § 63.7903(c)(2) § 63.7903(d)(3) § 63.7917(a) § 63.7918(b)(2) § 63.7925(b)(1) § 63.7927(a) § 63.7927(a)(1)(ii) § 63.7927(c) § 63.7928(d)(1) § 63.7928(d)(2) § 63.7928(g)(1) § 63.7941(d)	§ 63.7886(d)(2) § 63.7901(b)(2) § 63.7901(d)(4) § 63.7903(b)(1) § 63.7903(b)(2) § 63.7903(b)(2)(i) § 63.7903(c)(2)(ii) § 63.7903(b)(3) § 63.7903(c)(4) § 63.7903(c)(4)(i) § 63.7903(c)(4)(ii) § 63.7903(c)(5) § 63.7903(d)(5) § 63.7903(d)(5)(i)	§ 63.7884(b)(3) § 63.7886(d)(1) § 63.7900(e) § 63.7901(b) § 63.7901(c) § 63.7901(d) § 63.7915(d) § 63.7916(b) § 63.7916(b)(1) § 63.7916(b)(2) § 63.7916(b)(3) § 63.7921(b) § 63.7921(b)(1) § 63.7921(b)(2)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements  (30 TAC § 122.144)	Reporting Requirements  (30 TAC § 122.145)
					§ 63.7901(b)(2) § 63.7901(c) § 63.7901(c)(1) § 63.7901(c)(2) § 63.7901(d) § 63.7901(d)(1) § 63.7901(d)(2) § 63.7901(d)(3) § 63.7903(a) § 63.7903(b) § 63.7903(c) § 63.7903(c)(1) § 63.7903(c)(3) § 63.7903(d) § 63.7903(d)(1) § 63.7903(d)(2) § 63.7903(d)(4) § 63.7915(a) § 63.7915(b) § 63.7916(a) § 63.7918(a) § 63.7918(b) § 63.7918(b)(1) § 63.7918(b)(3) § 63.7920(a) § 63.7920(b) § 63.7920(b)(1) § 63.7921(a) § 63.7922(a) § 63.7922(b) § 63.7925(a) § 63.7925(b) § 63.7925(b)(1) § 63.7925(b)(2) § 63.7925(c) § 63.7925(d) § 63.7925(d)(1) § 63.7925(g) § 63.7925(g)(2) § 63.7925(h) § 63.7925(h)(3) § 63.7925(h)(3)(i)		§ 63.7941(g) § 63.7941(i)	§ 63.7903(d)(5)(ii) § 63.7903(d)(6) § 63.7916(b)(1) § 63.7918(b)(4) § 63.7918(b)(5) § 63.7922(d) § 63.7925(b)(1) § 63.7926(b)(2) § 63.7926(d)(2) § 63.7927(c) § 63.7928(b) § 63.7928(b)(5) § 63.7928(d)(4) § 63.7928(g)(3) § 63.7936 § 63.7937(c)(2) § 63.7938(c)(2) § 63.7938(c)(6) [G]§ 63.7952(a) § 63.7952(c) [G]§ 63.7953	§ 63.7921(b)(2)(i) § 63.7921(b)(2)(ii) § 63.7926(b) § 63.7926(b)(1) § 63.7926(b)(2) § 63.7926(c) § 63.7926(c)(1) § 63.7926(d) § 63.7926(d)(1) § 63.7926(d)(2) § 63.7926(e) § 63.7935(e) § 63.7937(c)(2) § 63.7937(c)(3) § 63.7937(c)(3)(i) § 63.7937(c)(6) § 63.7941(a) § 63.7941(m) § 63.7950(a) § 63.7950(b) § 63.7950(e) § 63.7950(e)(2) [G]§ 63.7951(a) § 63.7951(b) § 63.7951(b)(1) § 63.7951(b)(2) § 63.7951(b)(3) § 63.7951(b)(4) § 63.7951(b)(5) § 63.7951(b)(6) [G]§ 63.7951(b)(7) § 63.7951(b)(9) § 63.7951(c) § 63.7951(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements  (30 TAC § 122.144)	Reporting Requirements  (30 TAC § 122.145)
					§ 63.7925(h)(3)(ii) § 63.7926(a) § 63.7928(a) § 63.7928(c) § 63.7928(c)(1) § 63.7928(d) § 63.7928(d)(1) § 63.7928(g) § 63.7928(g)(2) § 63.7935(a) § 63.7935(b) § 63.7935(c) § 63.7935(f) [G]§ 63.7936 § 63.7937(a) § 63.7937(c) § 63.7937(c)(1) [G]§ 63.7937(c)(2) § 63.7937(c)(3) § 63.7937(c)(3)(i) § 63.7937(c)(3)(ii) § 63.7937(d) § 63.7938(a) § 63.7938(c) § 63.7938(c)(1) § 63.7938(c)(2) § 63.7938(c)(3) § 63.7941(a) § 63.7941(c) § 63.7941(d) § 63.7942 [G]§ 63.7943 [G]§ 63.7944				
63BLR#001	EU	63DDDDDD-3	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.1 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a)	Conduct a tune-up of the boiler or process heater every 5 years as specified in §63.7540 for a new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e)

# Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(12) § 63.7540(a)(13) § 63.7565	fuel ratio.			§ 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
63BLR#002	EU	63DDDDD-3	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.1 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(12) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater every 5 years as specified in §63.7540 for a new or existing boiler or process heater with a continuous oxygen trim system that maintains an optimum air to fuel ratio.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
63SMP#002	EU	63EEEE-8	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b)(1)	For each storage tank subject to this subpart having a capacity of less than 18.9 cubic meters (5,000 gallons), the permit holder must keep documentation that verifies that each storage tank is not required to be controlled.	None	§ 63.2343(a)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
63TFX#005	EU	R5112-263	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.117 ** See Periodic Monitoring Summary	§ 115.118(a)(5) § 115.118(a)(7)	None
63TIF#004	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.117	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(1)(B) § 115.118(a)(3)
63TIF#004	EU	61FF-18	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)
63TIF#004	EU	63EEEE-8	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b)(1)	For each storage tank subject to this subpart having a capacity of less than 18.9 cubic meters (5,000 gallons), the permit holder must keep documentation that verifies that each storage tank is not required to be controlled.	None	§ 63.2343(a)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
63TIF#1373	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(2) § 115.112(a)(2)(A) § 115.112(a)(2)(B) § 115.112(a)(2)(C) § 115.112(a)(2)(D) § 115.112(a)(2)(E)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(1) [G]§ 115.115(a) § 115.118(a)(4) § 115.118(a)(5)	§ 115.118(a)(2) § 115.118(a)(4) § 115.118(a)(5)	§ 115.114(a)(1)
63TIF#1373	EU	61FF-18	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) § 60.112b(a)(1) § 60.112b(a)(1)(i) § 60.112b(a)(1)(ii)(C) § 60.112b(a)(1)(iii) § 60.112b(a)(1)(iv) § 60.112b(a)(1)(ix) § 60.112b(a)(1)(v) § 60.112b(a)(1)(vi) § 60.112b(a)(1)(vii) § 60.112b(a)(1)(viii) § 61.351(a)(1) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	§ 60.113b(a)(1) § 60.113b(a)(2) § 60.113b(a)(4) § 60.113b(a)(5)	§ 60.115b § 60.115b(a)(2) § 61.356(k)	§ 60.113b(a)(2) § 60.113b(a)(5) § 60.115b § 60.115b(a)(1) § 60.115b(a)(3) § 61.357(e) § 61.357(f)
63TIF#1373	EU	63EEEE-8	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2338(b)(1)	Except as provided in paragraph (c) of this section, the affected source is the collection of activities and equipment used to distribute organic liquids into, out of, or within a facility that is a major source of HAP. The affected source is composed of all storage tanks storing organic liquids.	None	§ 63.2343(a)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
65BLW#001	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-5a [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
65HTR#001	EU	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(b) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(e) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(b) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7545(e)(8)(ii) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
66BLW#008	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
67ENG#005	EU	60IIII-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
67ENG#005	EU	60IIII-1	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW but less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2008 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 4.7 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
67ENG#005	EU	60IIII-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.102 § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 19 KW and less than 56 KW and a displacement of less than 10 liters per cylinder and is a 2013 model year and later must comply with a PM emission limit of 0.03 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
67ENG#005	EU	63ZZZZ-4	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c) § 63.6590(c)(7)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
67ENG#006	EU	60IIII-2	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) ]§ 60.4211(f) § 60.4218 § 89.112(a) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(1) § 60.4211(f)(3) § 60.4202(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
67ENG#006	EU	60IIII-2	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4218 § 89.112(a) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(1) § 60.4211(f)(3) § 60.4202(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)
67ENG#006	EU	60IIII-2	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(1) § 60.4211(f)(3) § 60.4202(a)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2) and §89.113(a)(1)-(3) and §1039.105(b)(1)-(3).	None	None	[G]§ 60.4214(d)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
67ENG#006	EU	60IIII-2	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4218 § 89.112(a) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(1) § 60.4211(f)(3) § 60.4202(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)
67ENG#006	EU	63ZZZZ-5	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6590(b)(1)(i) § 63.6595(c)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(a) § 63.6645(a)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
67ENG#009	EU	60IIII-2	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4218 § 89.112(a) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(1) § 60.4211(f)(3) § 60.4202(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)
67ENG#009	EU	60IIII-2	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4218 § 89.112(a) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(1) § 60.4211(f)(3) § 60.4202(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
67ENG#009	EU	60IIII-2	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(1) § 60.4211(f)(3) § 60.4202(a)	Emergency stationary CI ICE, that are not fire pump engines, with displacement < 10 lpc and not constant-speed engines, with max engine power < 2237 KW and a 2007 model year and later or max engine power > 2237 KW and a 2011 model year and later, must comply with following opacity emission limits: 20% during acceleration, 15% during lugging, 50% during peaks in either acceleration or lugging modes as stated in §60.4202(a)(1)-(2), (b)(2) and §89.113(a)(1)-(3) and §1039.105(b)(1)-(3).	None	None	[G]§ 60.4214(d)
67ENG#009	EU	60IIII-2	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4211(f) § 60.4218 § 89.112(a) § 60.4211(f)(1) § 60.4211(f)(2) § 60.4211(f)(2)(1) § 60.4211(f)(3) § 60.4202(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
67ENG#009	EU	63ZZZZ-5	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(b)(1) § 63.6590(b)(1)(i) § 63.6595(c)	An affected source which meets either of the criteria in paragraphs §63.6590(b)(1)(i)-(ii) of this section does not have to meet the requirements of this subpart and of subpart A of this part except for the initial notification requirements of §63.6645(f).	None	None	§ 63.6645(a) § 63.6645(a)(3)
67ENG#010	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
67ENG#014	EU	60IIII-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
67ENG#014	EU	60IIII-1	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 75 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2013 model year must comply with an NMHC+NO <sub>x</sub> emission limit of 4.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
67ENG#014	EU	60IIII-1	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None
67ENG#014	EU	60IIII-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2010 model year must comply with a PM emission limit of 0.20 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
67ENG#014	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c) § 63.6590(c)(7)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
67ENG#017	EU	60IIII-1	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
67ENG#017	EU	60IIII-1	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 75 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2013 model year must comply with an NMHC+NO <sub>x</sub> emission limit of 4.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a) and 40 CFR 1039.102.	None	None	None
67ENG#017	EU	60IIII-1	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.113(a)(1) § 89.113(a)(2) § 89.113(a)(3)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15% during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 89.113(a)(1)-(3) and 40 CFR 1039.105(b)(1)-(3).	None	None	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
67ENG#017	EU	60IIII-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) § 60.4218 § 89.112(a)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2010 model year must comply with a PM emission limit of 0.20 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 89.112(a).	None	None	None
67ENG#017	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c) § 63.6590(c)(7)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
69HTR#001	EU	63DDDDD-5	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(a) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(g) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(c) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
69HTR#002	EU	63DDDDD-5	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(a) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(g) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) § 63.7530(e) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(c) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
70BLW#012	EU	60GGGA-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-10a(a) § 60.482-10a(e) [G]§ 60.482-10a(g) § 60.482-10a(h) § 60.482-10a(m) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-9a	Comply with the requirements as stated in § 60.482-10a for closed vent systems.	[G]§ 60.482-10a(f) § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.482-10a(j) [G]§ 60.482-10a(k) [G]§ 60.482-10a(l) [G]§ 60.486a(a) [G]§ 60.486a(d) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
70CTL#032	EU	63CC-HES1	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.654(a) § 63.654(c)(6) § 63.654(c)(6)(ii) [G]§ 63.654(d) § 63.654(e) § 63.654(f) § 63.654(f)(1) § 63.654(f)(2) § 63.654(f)(3) § 63.654(f)(3)(ii)	Except as specified in paragraph (b) of this section, the owner or operator of a heat exchange system that meets the criteria in §63.640(c)(8) must comply with the requirements of paragraphs (c) through (g) of this section.	§ 63.654(c) § 63.654(c)(1) § 63.654(c)(1)(i) § 63.654(c)(1)(ii) § 63.654(c)(3) § 63.654(c)(4) § 63.654(c)(4)(i) § 63.654(e)	[G]§ 63.654(g)	None
70HTR#001	EU	60JA-3	NOx	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(2) [G]§ 60.102a(g)(2)(ii) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(ii)	For each forced draft process heater, comply with the limit in either paragraph (g)(2)(ii)(A) or (B) of this section. The owner or operator may comply with either limit at any time, provided that the appropriate parameters for each alternative are monitored as specified in §60.107a.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5)	§ 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.108a(a)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
70HTR#001	EU	60JA-3	SO2	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.102a(g)(1)(ii) § 60.103a(c) § 60.103a(c)(2) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) § 60.103a(e) § 60.103a(e)(1) § 60.103a(e)(2) § 60.103a(e)(3) § 60.107a(i) § 60.107a(i)(1)(ii)	The owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H <sub>2</sub> S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(j) [G]§ 60.104a(j)(4) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(a)(3) § 60.107a(a)(3)(i) § 60.107a(a)(3)(ii) § 60.107a(a)(3)(iii)	§ 60.103a(d)(5) § 60.103a(e)(1) § 60.103a(e)(3) § 60.107a(a)(2) § 60.108a(a) § 60.108a(c) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
70HTR#001	EU	63DDDDD-5	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(a) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(g) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(c) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
70STK_001	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
70TEF#4208	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) [G]§ 115.112(a)(2)	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	[G]§ 115.114(a)(2) § 115.114(a)(3) [G]§ 115.114(a)(4) [G]§ 115.117 § 115.118(a)(5) § 115.118(a)(7)	§ 115.118(a)(3) § 115.118(a)(5) § 115.118(a)(7)	§ 115.114(a)(2)(B) § 115.114(a)(4)(B) § 115.118(a)(3)

# Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
70TEF#4208	EU	60Kb-5	VOC	40 CFR Part 60, Subpart Kb	§ 60.112b(a) [G]§ 60.112b(a)(2)	Storage vessels specified in §60.112b(a) and equipped with an external floating roof (pontoon or double-deck type) are to meet the specifications of §60.112b(a)(2)(i)-(iii).	§ 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
70TEF#4208	EU	61FF-16	Benzene	40 CFR Part 61, Subpart FF	§ 61.351(a) [G]§ 60.112b(a)(2) § 61.351(a)(2) § 61.351(b)	As an alternative to the standards for tanks specified in § 61.343, an owner or operator may elect to comply with one of the following §61.351(a)(1)-(3):	[G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 61.356(k)	§ 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b(b) § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4) § 61.357(e) § 61.357(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
70TEF#4208	EU	63CC-8	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(n)(2) § 63.640(n)(8) § 63.640(n)(8)(ii) § 63.640(n)(8)(iii) § 63.640(n)(8)(vii) § 60.112b(a) [G]§ 60.112b(a)(2)	After the compliance dates specified in paragraph (h) of this section, a Group 1 storage vessel that is also subject to 40 CFR part 60, subpart Kb, is required to comply only with either 40 CFR part 60, subpart Kb, except as provided in paragraph (n)(8) of this section or this subpart.	§ 63.640(n)(8)(ii) § 60.113b(b) [G]§ 60.113b(b)(1) [G]§ 60.113b(b)(2) § 60.113b(b)(3) § 60.113b(b)(4) [G]§ 60.113b(b)(4)(i) [G]§ 60.113b(b)(4)(ii) § 60.113b(b)(4)(iii) [G]§ 60.113b(b)(6) § 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 63.640(n)(8)(vi) § 60.115b [G]§ 60.115b(b)(3) § 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 63.640(n)(8)(iv) § 63.640(n)(8)(v) § 63.640(n)(8)(vi) § 60.113b(b)(4)(iii) § 60.113b(b)(5) § 60.113b(b)(6)(ii) § 60.115b § 60.115b(b)(1) [G]§ 60.115b(b)(2) § 60.115b(b)(4)
70TEF#5033	EU	R5112-59	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
70TEF#5033	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.640(c)(2)	All storage vessels associated with petroleum refining process units meeting the criteria in paragraph (a) of this section are part of the affected source.	None	§ 63.655(i) § 63.655(i)(1) § 63.655(i)(1)(vi)	None
70TFX#5035	EU	R5112-59	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
70TFX#5035	EU	63EEEE-5	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2343(b)	For each storage tank subject to this subpart having a capacity of 18.9 cubic meters (5,000 gallons) or more that is not subject to control based on the criteria specified in Table 2 to this subpart, items 1 through 6, you must comply with the requirements specified in paragraphs (b)(1) through (3) of this section.	None	§ 63.2343(b)(3)	§ 63.2343(b)(2)(i) § 63.2343(b)(2)(ii) § 63.2343(d) § 63.2343(d)(1) § 63.2343(d)(4) § 63.2386(b) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)(3)
70TFX#5036	EU	R5112-59	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
70TFX#5036	EU	63EEEE-5	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2343(b)	For each storage tank subject to this subpart having a capacity of 18.9 cubic meters (5,000 gallons) or more that is not subject to control based on the criteria specified in Table 2 to this subpart, items 1 through 6, you must comply with the requirements specified in paragraphs (b)(1) through (3) of this section.	None	§ 63.2343(b)(3)	§ 63.2343(b)(2)(i) § 63.2343(b)(2)(ii) § 63.2343(d) § 63.2343(d)(1) § 63.2343(d)(4) § 63.2386(b) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)(3)
70TFX#5037	EU	R5112-59	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
70TFX#5037	EU	63EEEE-5	112(B) HAPS	40 CFR Part 63, Subpart EEEE	§ 63.2343(b)	For each storage tank subject to this subpart having a capacity of 18.9 cubic meters (5,000 gallons) or more that is not subject to control based on the criteria specified in Table 2 to this subpart, items 1 through 6, you must comply with the requirements specified in paragraphs (b)(1) through (3) of this section.	None	§ 63.2343(b)(3)	§ 63.2343(b)(2)(i) § 63.2343(b)(2)(ii) § 63.2343(d) § 63.2343(d)(1) § 63.2343(d)(4) § 63.2386(b) § 63.2386(b)(2)(i) § 63.2386(b)(2)(ii) § 63.2386(b)(3)
71HTR#001	EU	60JA-4	NOx	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(2) [G]§ 60.102a(g)(2)(i) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(i)	For each forced draft process heater, comply with the limit in either paragraph (g)(2)(ii)(A) or (B) of this section. The owner or operator may comply with either limit at any time, provided that the appropriate parameters for each alternative are monitored as specified in §60.107a.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5)	§ 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.108a(a)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

# Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
71HTR#001	EU	60JA-4	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.102a(g)(1)(ii) § 60.103a(c) § 60.103a(c)(2) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) § 60.103a(e) § 60.103a(e)(1) § 60.103a(e)(2) § 60.103a(e)(3) § 60.107a(i) § 60.107a(i)(1)(ii)	The owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H <sub>2</sub> S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(j) [G]§ 60.104a(j)(4) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(a)(3) § 60.107a(a)(3)(i) § 60.107a(a)(3)(ii) § 60.107a(a)(3)(iii)	§ 60.103a(d)(5) § 60.103a(e)(1) § 60.103a(e)(3) § 60.107a(a)(2) § 60.108a(a) § 60.108a(c) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
71HTR#001	EU	63DDDD-5	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(a) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(g) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(c) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
71HTR#002	EU	60JA-4	NOx	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(2) [G]§ 60.102a(g)(2)(i) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(i)	For each forced draft process heater, comply with the limit in either paragraph (g)(2)(ii)(A) or (B) of this section. The owner or operator may comply with either limit at any time, provided that the appropriate parameters for each alternative are monitored as specified in §60.107a.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5)	§ 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.108a(a)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
71HTR#002	EU	60JA-4	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.102a(g)(1)(ii) § 60.103a(c) § 60.103a(c)(2) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) § 60.103a(e) § 60.103a(e)(1) § 60.103a(e)(2) § 60.103a(e)(3) § 60.107a(i) § 60.107a(i)(1)(ii)	The owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H <sub>2</sub> S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(j) [G]§ 60.104a(j)(4) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(a)(3) § 60.107a(a)(3)(i) § 60.107a(a)(3)(ii) § 60.107a(a)(3)(iii)	§ 60.103a(d)(5) § 60.103a(e)(1) § 60.103a(e)(3) § 60.107a(a)(2) § 60.108a(a) § 60.108a(c) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
71HTR#002	EU	63DDDDD-5	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(a) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(g) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(c) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
72HTR#001	EU	60JA-4	NOx	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(2) [G]§ 60.102a(g)(2)(i) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(i)	For each forced draft process heater, comply with the limit in either paragraph (g)(2)(ii)(A) or (B) of this section. The owner or operator may comply with either limit at any time, provided that the appropriate parameters for each alternative are monitored as specified in §60.107a.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5)	§ 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.108a(a)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
72HTR#001	EU	60JA-4	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.102a(g)(1)(ii) § 60.103a(c) § 60.103a(c)(2) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) § 60.103a(e) § 60.103a(e)(1) § 60.103a(e)(2) § 60.103a(e)(3) § 60.107a(i) § 60.107a(i)(1)(ii)	The owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H <sub>2</sub> S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(j) [G]§ 60.104a(j)(4) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(a)(3) § 60.107a(a)(3)(i) § 60.107a(a)(3)(ii) § 60.107a(a)(3)(iii)	§ 60.103a(d)(5) § 60.103a(e)(1) § 60.103a(e)(3) § 60.107a(a)(2) § 60.108a(a) § 60.108a(c) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
72HTR#001	EU	63DDDD-5	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(a) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(g) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(c) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
72HTR#002	EU	60JA-4	NOx	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(2) [G]§ 60.102a(g)(2)(i) § 60.107a(i) § 60.107a(i)(3) § 60.107a(i)(3)(i)	For each forced draft process heater, comply with the limit in either paragraph (g)(2)(ii)(A) or (B) of this section. The owner or operator may comply with either limit at any time, provided that the appropriate parameters for each alternative are monitored as specified in §60.107a.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(i)(5) § 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5)	§ 60.107a(c) § 60.107a(c)(1) § 60.107a(c)(2) § 60.107a(c)(3) § 60.107a(c)(4) § 60.107a(c)(5) § 60.108a(a)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)
72HTR#002	EU	60JA-4	Hydrogen Sulfide	40 CFR Part 60, Subpart Ja	§ 60.102a(a) § 60.102a(g) § 60.102a(g)(1) § 60.102a(g)(1)(ii) § 60.103a(c) § 60.103a(c)(2) § 60.103a(d) § 60.103a(d)(1) § 60.103a(d)(5) § 60.103a(e) § 60.103a(e)(1) § 60.103a(e)(2) § 60.103a(e)(3) § 60.107a(i) § 60.107a(i)(1)(ii)	The owner or operator shall not burn in any fuel gas combustion device any fuel gas that contains H <sub>2</sub> S in excess of 162 ppmv determined hourly on a 3-hour rolling average basis and H <sub>2</sub> S in excess of 60 ppmv determined daily on a 365 successive calendar day rolling average basis.	§ 60.104a(a) § 60.104a(c) § 60.104a(i) § 60.104a(i)(1) § 60.104a(i)(2) § 60.104a(i)(3) § 60.104a(j) [G]§ 60.104a(j)(4) § 60.107a(a) § 60.107a(a)(2) § 60.107a(a)(2)(i) § 60.107a(a)(2)(ii) § 60.107a(a)(2)(iii) § 60.107a(a)(2)(iv) § 60.107a(a)(3) § 60.107a(a)(3)(i) § 60.107a(a)(3)(ii) § 60.107a(a)(3)(iii)	§ 60.103a(d)(5) § 60.103a(e)(1) § 60.103a(e)(3) § 60.107a(a)(2) § 60.108a(a) § 60.108a(c) § 60.108a(c)(5) § 60.108a(c)(6) § 60.108a(c)(6)(i) § 60.108a(c)(6)(ii) § 60.108a(c)(6)(iii) § 60.108a(c)(6)(ix) § 60.108a(c)(6)(v) § 60.108a(c)(6)(vii) § 60.108a(c)(6)(viii) § 60.108a(c)(6)(x)	§ 60.108a(a) § 60.108a(b) [G]§ 60.108a(d)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
72HTR#002	EU	63DDDDD-5	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7495(a) § 63.7499(l) § 63.7500(a)-Table 3.3 § 63.7500(a)(3) § 63.7500(e) § 63.7500(f) § 63.7505(a) § 63.7510(g) § 63.7515(d) § 63.7540(a) § 63.7540(a)(10) § 63.7540(a)(13) § 63.7565	Conduct a tune-up of the boiler or process heater annually as specified in §63.7540 for a new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater.	§ 63.7540(a)(10)(i) § 63.7540(a)(10)(ii) § 63.7540(a)(10)(iii) § 63.7540(a)(10)(iv) § 63.7540(a)(10)(v)	[G]§ 63.7540(a)(10)(vi) § 63.7555(a) § 63.7555(a)(1) § 63.7555(i) § 63.7555(j) [G]§ 63.7560	§ 63.7495(d) § 63.7530(d) [G]§ 63.7540(a)(10)(vi) § 63.7545(a) § 63.7545(c) § 63.7545(e) § 63.7545(e)(1) § 63.7545(e)(8) § 63.7545(e)(8)(i) § 63.7550(a) [G]§ 63.7550(b) § 63.7550(c) § 63.7550(c)(1) § 63.7550(c)(5) § 63.7550(c)(5)(i) § 63.7550(c)(5)(ii) § 63.7550(c)(5)(iii) § 63.7550(c)(5)(iv) § 63.7550(c)(5)(xiv) § 63.7550(c)(5)(xvii) § 63.7550(h) § 63.7550(h)(3)
74LBS#001	EU	63Y-1	112(B) HAPS	40 CFR Part 63, Subpart Y	§ 63.560(d)(1)	This subpart does not apply to emissions resulting from marine tank vessel loading operations, as that term is defined in §63.561, of commodities with vapor pressures less than 10.3 kilopascals (kPa) (1.5 pounds per square inch, absolute) (psia) at standard conditions, 20°C and 760 millimeters Hg (mm Hg).	None	§ 63.567(j)(1)	None

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74LBS#001	EU	63CC-3	112(B) HAPS	40 CFR Part 63, Subpart CC	§ 63.651(a) § 63.651(b) § 63.651(c) § 63.651(d) § 63.560(d)(1)	Except as provided in paragraphs (b) through (e) of this section, each owner or operator of a marine tank vessel loading operation located at a petroleum refinery shall comply with the requirements of §§63.560 through 63.568.	None	§ 63.655(c) § 63.567(j)(1)	§ 63.655(c)
PRO62SBLSP	PRO	R5421-1	VOC	30 TAC Chapter 115, Surface Coating Operations	§ 115.421(a) § 115.421(a)(9)(A) § 115.421(a)(9)(A)(iii) § 115.421(a)(9)(B) § 115.421(a)(9)(C) § 115.426 § 115.427(a)(6)	Emissions shall not exceed 3.5 lbs/gal (0.42 kg/L) of coating (minus water and exempt solvent) delivered as an extreme performance coating, including chemical milling maskants.	§ 115.424(a) § 115.424(b) [G]§ 115.425(1) § 115.425(6) [G]§ 115.426(1)	[G]§ 115.426(1) § 115.426(4)	None
PRO-CUCBRU	PRO	61FF-1	Benzene	40 CFR Part 61, Subpart FF	§ 61.348(a)(1) § 61.348(a)(1)(i) § 61.348(a)(2) § 61.348(a)(3) § 61.348(a)(4) § 61.348(f)	The owner or operator shall design, install, operate and maintain a treatment process that removes or destroys benzene as specified.	§ 61.348(c)(2) § 61.348(f) § 61.348(g) § 61.354(a)(1) § 61.355(d)	§ 61.355(d) § 61.356(e) § 61.356(e)(1) § 61.356(e)(2) [G]§ 61.356(e)(3) [G]§ 61.356(i)	§ 61.357(d)(7) § 61.357(d)(7)(i) § 61.357(d)(7)(iv)(F)
PROFCCU	PRO	63UUU-04	112(B) HAPS	40 CFR Part 63, Subpart UUU	§ 63.1562(a) § 63.1562(b) § 63.1562(b)(1) § 63.1562(b)(4) § 63.1562(c) § 63.1562(d) § 63.1562(e) § 63.1562(f) § 63.1562(f)(4) § 63.1563(b) § 63.1564(a) § 63.1564(a)(1) § 63.1564(a)(2) § 63.1564(a)(3) § 63.1564(a)(4) § 63.1564(b) § 63.1564(b)(5) § 63.1564(c)	The affected sources are the process vent or group of process vents on fluidized catalytic cracking units that are associated with regeneration of the catalyst used in the unit ( i.e. , the catalyst regeneration flue gas vent).	§ 63.1564(b)(1) § 63.1565(b)(1) § 63.1569(c) § 63.1569(c)(1) [G]§ 63.1572(a) [G]§ 63.1572(c) [G]§ 63.1572(d) [G]§ 63.1575(e)	§ 63.1564(a)(3) § 63.1564(c)(2) § 63.1569(a)(3) § 63.1569(c) § 63.1569(c)(1) § 63.1570(c) § 63.1570(d) § 63.1572(c)(4) § 63.1572(c)(5) [G]§ 63.1572(d) § 63.1574(f) [G]§ 63.1576(a) § 63.1576(b) § 63.1576(b)(1) § 63.1576(b)(3) § 63.1576(b)(4) § 63.1576(b)(5) § 63.1576(d)	§ 63.1563(e) § 63.1564(b)(6) § 63.1564(b)(7) § 63.1565(b)(5) § 63.1565(b)(6) § 63.1569(b)(3) § 63.1569(b)(4) § 63.1570(f) § 63.1571(d)(4) § 63.1573(f)(3) § 63.1574(a) § 63.1574(a)(1) § 63.1574(a)(2) § 63.1574(a)(3) § 63.1574(a)(3)(i) § 63.1574(d) § 63.1574(f)(1) § 63.1574(f)(2)



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					§ 63.1564(c)(1) § 63.1565(a) § 63.1565(a)(1) § 63.1565(a)(2) § 63.1565(a)(3) § 63.1565(a)(4) § 63.1565(b) § 63.1565(b)(4) § 63.1565(c) § 63.1565(c)(1) § 63.1565(c)(2) § 63.1569(a) § 63.1569(a)(1) § 63.1569(a)(1)(i) § 63.1569(b)(2) § 63.1570(a) § 63.1570(b) § 63.1570(c) § 63.1570(g) § 63.1571(d) § 63.1571(d)(4) § 63.1571(e) § 63.1571(e)(1) § 63.1571(e)(2) § 63.1571(e)(3) [G]§ 63.1573(f)(1) § 63.1573(f)(2) § 63.1573(f)(4) § 63.1574(f) § 63.1577		§ 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1574(f)(2)(i) § 63.1574(f)(2)(ii) § 63.1574(f)(2)(iii) § 63.1574(f)(2)(viii) § 63.1574(f)(2)(x) § 63.1575(a) [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(d) [G]§ 63.1575(f) § 63.1575(g) [G]§ 63.1575(h)	
PRO-NBRUST	PRO	61FF-1	Benzene	40 CFR Part 61, Subpart FF	§ 61.348(a)(1) § 61.348(a)(1)(i) § 61.348(a)(2) § 61.348(a)(3) § 61.348(a)(4) § 61.348(f)	The owner or operator shall design, install, operate and maintain a treatment process that removes or destroys benzene as specified.	§ 61.348(c)(2) § 61.348(f) § 61.348(g) § 61.354(a)(1) § 61.355(d)	§ 61.355(d) § 61.356(e) § 61.356(e)(1) § 61.356(e)(2) [G]§ 61.356(e)(3) [G]§ 61.356(i)	§ 61.357(d)(7) § 61.357(d)(7)(i) § 61.357(d)(7)(iv)(F)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PROPTR3	PRO	63UUU-03	112(B) HAPS	40 CFR Part 63, Subpart UUU	§ 63.1562(a) § 63.1562(b) § 63.1562(b)(2) § 63.1562(b)(4) § 63.1562(d) § 63.1562(e) § 63.1562(f) § 63.1562(f)(4) § 63.1562(f)(5) § 63.1563(b) § 63.1566(a) § 63.1566(a)(1) § 63.1566(a)(1)(ii) § 63.1566(a)(3) § 63.1566(a)(4) § 63.1566(a)(5) § 63.1566(b)(5) § 63.1566(b)(5)(ii) § 63.1567(a) § 63.1567(a)(1) § 63.1567(a)(1)(ii) § 63.1567(a)(2) § 63.1567(b)(4) § 63.1567(b)(4)(i) § 63.1569(a)(1) § 63.1569(a)(1)(iii) § 63.1569(b)(2) § 63.1570(a) § 63.1570(c) § 63.1570(g) § 63.1574(f) § 63.1577	The affected sources are the process vent or group of process vents on catalytic reforming units (including but not limited to semi-regenerative, cyclic, or continuous processes) that are associated with regeneration of the catalyst used in the unit. This affected source includes vents that are used during the unit depressurization, purging, coke burn, and catalyst rejuvenation.	§ 63.1566(b) § 63.1566(b)(6) [G]§ 63.1566(c) § 63.1567(b) § 63.1567(b)(1) § 63.1567(b)(2) § 63.1567(b)(3) § 63.1567(b)(5) § 63.1567(c)(1) § 63.1569(c) § 63.1569(c)(1) § 63.1571(a) [G]§ 63.1571(b) § 63.1571(d) § 63.1571(d)(4) § 63.1571(e) § 63.1571(e)(1) § 63.1571(e)(2) [G]§ 63.1572(c) [G]§ 63.1572(d)	§ 63.1566(a)(5) § 63.1567(a)(3) § 63.1567(c)(2) § 63.1569(a)(3) § 63.1569(c) § 63.1569(c)(1) § 63.1570(c) § 63.1570(d) § 63.1572(c)(3) § 63.1572(c)(4) § 63.1572(c)(5) [G]§ 63.1572(d) § 63.1574(f) [G]§ 63.1576(a) § 63.1576(c) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1563(e) § 63.1566(b)(7) § 63.1566(b)(8) § 63.1567(b)(6) § 63.1567(b)(7) § 63.1569(b)(3) § 63.1569(b)(4) § 63.1570(f) § 63.1571(a) § 63.1571(d)(4) § 63.1574(a) § 63.1574(a)(1) § 63.1574(a)(2) § 63.1574(a)(3) § 63.1574(a)(3)(ii) § 63.1574(d) § 63.1574(f)(1) § 63.1574(f)(2) § 63.1574(f)(2)(i) § 63.1574(f)(2)(ii) § 63.1574(f)(2)(iii) § 63.1574(f)(2)(v) § 63.1574(f)(2)(viii) § 63.1574(f)(2)(x) § 63.1575(a) [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(d) [G]§ 63.1575(f) § 63.1575(g) § 63.1575(h) § 63.1575(h)(1) § 63.1575(h)(2)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PROPTR4	PRO	63UUU-05	112(B) HAPS	40 CFR Part 63, Subpart UUU	§ 63.1562(a) § 63.1562(b) § 63.1562(b)(2) § 63.1562(b)(4) § 63.1562(d) § 63.1562(e) § 63.1562(f) § 63.1562(f)(4) § 63.1562(f)(5) § 63.1563(b) § 63.1566(a) § 63.1566(a)(1) § 63.1566(a)(1)(ii) § 63.1566(a)(3) § 63.1566(a)(4) § 63.1566(a)(5) § 63.1566(b)(5) § 63.1566(b)(5)(ii) § 63.1567(a) § 63.1567(a)(1) § 63.1567(a)(1)(ii) § 63.1567(a)(2) § 63.1567(b)(4) § 63.1567(b)(4)(i) § 63.1570(a) § 63.1570(c) § 63.1570(g) § 63.1574(f) § 63.1577	The affected sources are the process vent or group of process vents on catalytic reforming units (including but not limited to semi-regenerative, cyclic, or continuous processes) that are associated with regeneration of the catalyst used in the unit. This affected source includes vents that are used during the unit depressurization, purging, coke burn, and catalyst rejuvenation.	§ 63.1566(b) § 63.1566(b)(6) [G]§ 63.1566(c) § 63.1567(b) § 63.1567(b)(1) § 63.1567(b)(2) § 63.1567(b)(3) § 63.1567(b)(5) § 63.1567(c)(1) § 63.1571(a) [G]§ 63.1571(b) § 63.1571(d) § 63.1571(d)(4) § 63.1571(e) § 63.1571(e)(1) § 63.1571(e)(2) [G]§ 63.1572(c) [G]§ 63.1572(d)	§ 63.1566(a)(5) § 63.1567(a)(3) § 63.1567(c)(2) § 63.1570(c) § 63.1570(d) § 63.1572(c)(3) § 63.1572(c)(4) § 63.1572(c)(5) [G]§ 63.1572(d) § 63.1574(f) [G]§ 63.1576(a) § 63.1576(c) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1563(e) § 63.1566(b)(7) § 63.1566(b)(8) § 63.1567(b)(6) § 63.1567(b)(7) § 63.1570(f) § 63.1571(a) § 63.1571(d)(4) § 63.1574(a) § 63.1574(a)(1) § 63.1574(a)(2) § 63.1574(a)(3) § 63.1574(a)(3)(ii) § 63.1574(d) § 63.1574(f)(1) § 63.1574(f)(2) § 63.1574(f)(2)(i) § 63.1574(f)(2)(ii) § 63.1574(f)(2)(iii) § 63.1574(f)(2)(v) § 63.1574(f)(2)(viii) § 63.1574(f)(2)(x) § 63.1575(a) [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(d) [G]§ 63.1575(f) § 63.1575(g) § 63.1575(h) § 63.1575(h)(1) § 63.1575(h)(2)
PRO-SBRUST	PRO	61FF-1	Benzene	40 CFR Part 61, Subpart FF	§ 61.348(a)(1) § 61.348(a)(1)(i) § 61.348(a)(2) § 61.348(a)(3) § 61.348(a)(4) § 61.348(f)	The owner or operator shall design, install, operate and maintain a treatment process that removes or destroys benzene as specified.	§ 61.348(c)(2) § 61.348(f) § 61.348(g) § 61.354(a)(1) § 61.355(d)	§ 61.355(d) § 61.356(e) § 61.356(e)(1) § 61.356(e)(2) [G]§ 61.356(e)(3) [G]§ 61.356(i)	§ 61.357(d)(7) § 61.357(d)(7)(i) § 61.357(d)(7)(iv)(F)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PROSRU1	EU	R1112-2	SO <sub>2</sub>	30 TAC Chapter 112, Sulfur Compounds	§ 112.7(a)	No person may cause, suffer, allow, or permit emissions of SO <sub>2</sub> to exceed the emission limits specified for stack effluent flow rates < 4,000 scfm as determined by the specified equation.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)
PROSRU1	PRO	60J-2	SO <sub>2</sub>	40 CFR Part 60, Subpart J	§ 60.104(a)(2)(i) § 60.104	For an oxidation control system or a reduction control system followed by incineration, 250 ppm by volume (dry basis) of sulfur dioxide (SO <sub>2</sub> ) at zero percent excess air.	§ 60.105(a) [G]§ 60.105(a)(5) § 60.105(e) § 60.105(e)(4) § 60.105(e)(4)(i) § 60.106(a) [G]§ 60.106(f)	§ 60.105(a)(5)	§ 60.105(e) § 60.105(e)(4) § 60.105(e)(4)(i) § 60.105(d) § 60.105(f) § 60.105(g)
PROSRU1	PRO	63UUU-02	112(B) HAPS	40 CFR Part 63, Subpart UUU	§ 63.1562(a) § 63.1562(b) § 63.1562(b)(3) § 63.1562(b)(4) § 63.1562(c) § 63.1562(d) § 63.1562(e) [G]§ 63.1562(f) § 63.1563(b) § 63.1568(a) § 63.1568(a)(1) § 63.1568(a)(3) § 63.1568(b)(5) § 63.1568(c)(2) § 63.1570(a) § 63.1570(c) § 63.1570(g) § 63.1571(a)(1) § 63.1571(a)(2) § 63.1574(f) § 63.1577 § 63.1578 § 63.1579	The affected sources are the process vent or group of process vents on Claus or other types of sulfur recovery plant units or the tail gas treatment units serving sulfur recovery plants, that are associated with sulfur recovery.	§ 63.1568(b) § 63.1568(b)(1) § 63.1568(c) § 63.1568(c)(1) [G]§ 63.1572(a) [G]§ 63.1572(d)	§ 63.1568(a)(3) § 63.1570(c) § 63.1570(d) [G]§ 63.1572(d) § 63.1573(c) § 63.1574(f) § 63.1574(f)(2) § 63.1574(f)(2)(ix) § 63.1574(f)(2)(x) [G]§ 63.1576(a) § 63.1576(b) § 63.1576(b)(1) § 63.1576(b)(3) § 63.1576(b)(4) § 63.1576(b)(5) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1563(e) § 63.1568(b)(6) § 63.1568(b)(7) § 63.1570(f) § 63.1574(a) § 63.1574(a)(1) § 63.1574(a)(3) § 63.1574(a)(3)(ii) § 63.1574(d) § 63.1574(f)(1) § 63.1575(a) [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(d) [G]§ 63.1575(e) § 63.1575(f) § 63.1575(f)(2) § 63.1575(g) [G]§ 63.1575(h)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PROSRU23	EU	R1112-1	SO <sub>2</sub>	30 TAC Chapter 112, Sulfur Compounds	§ 112.7(a)	No person may cause, suffer, allow, or permit emissions of SO <sub>2</sub> to exceed the emission limits specified for stack effluent flow rates < 4,000 scfm as determined by the specified equation.	§ 112.2(a) ** See Periodic Monitoring Summary	§ 112.2(c)	§ 112.2(b)
PROSRU23	PRO	60J-1	SO <sub>2</sub>	40 CFR Part 60, Subpart J	§ 60.104(a)(2)(i) § 60.104	For an oxidation control system or a reduction control system followed by incineration, 250 ppm by volume (dry basis) of sulfur dioxide (SO <sub>2</sub> ) at zero percent excess air.	§ 60.105(a) [G]§ 60.105(a)(5) § 60.105(e) § 60.105(e)(4) § 60.105(e)(4)(i) § 60.106(a) [G]§ 60.106(f)	§ 60.105(a)(5)	§ 60.105(e) § 60.105(e)(4) § 60.105(e)(4)(i) § 60.107(d) § 60.107(f) § 60.107(g)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PROSRU23	PRO	63UUU-01	112(B) HAPS	40 CFR Part 63, Subpart UUU	§ 63.1562(a) § 63.1562(b) § 63.1562(b)(3) § 63.1562(b)(4) § 63.1562(c) § 63.1562(d) § 63.1562(e) [G]§ 63.1562(f) § 63.1563(b) § 63.1568(a) § 63.1568(a)(1) § 63.1568(a)(3) § 63.1568(b)(5) § 63.1568(c)(2) § 63.1569(a) § 63.1569(a)(1) § 63.1569(a)(1)(iii) § 63.1569(b) § 63.1569(b)(2) § 63.1570(a) § 63.1570(c) § 63.1570(g) § 63.1571(a)(1) § 63.1571(a)(2) § 63.1574(f) § 63.1577 § 63.1578 § 63.1579	The affected sources are the process vent or group of process vents on Claus or other types of sulfur recovery plant units or the tail gas treatment units serving sulfur recovery plants, that are associated with sulfur recovery.	§ 63.1568(b) § 63.1568(b)(1) § 63.1568(c) § 63.1568(c)(1) § 63.1569(c) § 63.1569(c)(1) [G]§ 63.1572(a) [G]§ 63.1572(d)	§ 63.1568(a)(3) § 63.1569(a)(3) § 63.1570(c) § 63.1570(d) [G]§ 63.1572(d) § 63.1573(c) § 63.1574(f) § 63.1574(f)(2) § 63.1574(f)(2)(ix) § 63.1574(f)(2)(x) [G]§ 63.1576(a) § 63.1576(b) § 63.1576(b)(1) § 63.1576(b)(3) § 63.1576(b)(4) § 63.1576(b)(5) § 63.1576(d) § 63.1576(e) § 63.1576(f) § 63.1576(g) § 63.1576(h) § 63.1576(i)	§ 63.1563(e) § 63.1568(b)(6) § 63.1568(b)(7) § 63.1569(b) § 63.1569(b)(3) § 63.1569(b)(4) § 63.1570(f) § 63.1574(a) § 63.1574(a)(1) § 63.1574(a)(3) § 63.1574(a)(3)(ii) § 63.1574(d) § 63.1574(f)(1) § 63.1575(a) [G]§ 63.1575(b) [G]§ 63.1575(c) [G]§ 63.1575(d) [G]§ 63.1575(e) § 63.1575(f) § 63.1575(f)(2) § 63.1575(g) [G]§ 63.1575(h)
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(13)	Components/systems that contact a process fluid containing VOC having a true vapor pressure equal to or less than 0.002 psia at 68 degrees Fahrenheit are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

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REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(6)	Components at a petroleum refinery or synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process, that contact a process fluid that contains less than 10% VOC by weight and components at a natural gas/gasoline processing operation that contact a process fluid that contains less than 1.0% VOC by weight are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) [G]§ 115.352(2)(C) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4) § 115.357(8)	No compressor seal, in hydrogen service or equipped with a shaft seal system, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration.	[G]§ 115.355	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) [G]§ 115.352(2)(C) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(3) § 115.357(8)	No compressor seals, contacting a process fluid with a TVP greater than 0.044 psia, not in hydrogen service or not equipped with a shaft seal, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration.	§ 115.354(10) § 115.354(2) § 115.354(2)(A) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(5) [G]§ 115.356(3)(C)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	No connectors, contacting a process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration.	§ 115.354(1) § 115.354(1)(B) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) [G]§ 115.356(3) § 115.356(5)	None
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12)	No connectors, contacting a process fluid with a TVP of 0.044 psia or less, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration.	§ 115.354(1) § 115.354(1)(B) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) [G]§ 115.356(3) § 115.356(5)	None
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(12) § 115.357(9) § 115.357(9)(B) § 115.357(9)(C)	No accessible valves, rated less than or equal to 10,000 psig and contacting a process fluid with a TVP of 0.044 psia or less, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration.	§ 115.354(2) § 115.354(2)(C) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) [G]§ 115.356(3) § 115.356(5)	None



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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(1) § 115.357(12) § 115.357(9) § 115.357(9)(B) § 115.357(9)(C)	No difficult-to-monitor valves, rated less than or equal to 10,000 psig and contacting a process fluid with a TVP of 0.044 psia or less, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration.	§ 115.354(1) § 115.354(1)(B) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) § 115.357(1)	No process drains, contacting a process fluid with a TVP less than or equal to 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration.	§ 115.354(1) § 115.354(1)(A) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(9) § 115.357(9)(B) § 115.357(9)(C)	No unsafe-to-monitor valves, contacting a process fluid with a TVP less than or equal to 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration.	§ 115.354(1) § 115.354(1)(C) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(10)	Instrumentation systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet 40 CFR §63.169 (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9) § 115.357(9)(B) § 115.357(9)(C)	No accessible valves, rated less than or equal to 10,000 psig and contacting a process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration.	§ 115.354(10) § 115.354(2) § 115.354(2)(C) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) [G]§ 115.356(3) § 115.356(5)	[G]§ 115.354(7)
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9) § 115.357(9)(B) § 115.357(9)(C)	No difficult-to-monitor valves, rated less than or equal to 10,000 psig and contacting a process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration.	§ 115.354(1) § 115.354(1)(B) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains, contacting a process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration.	§ 115.354(1) § 115.354(1)(A) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(4) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(12) § 115.357(8) § 115.357(9) § 115.357(9)(B) § 115.357(9)(C)	No unsafe-to-monitor valves, contacting a process fluid with a TVP greater than 0.044 psia, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration.	§ 115.354(1) § 115.354(1)(C) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(4)	No pump seal, equipped with a shaft seal system, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration.	[G]§ 115.355	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(6) § 115.352(7) § 115.357(8) § 115.357(9) § 115.357(9)(A)	No pressure relief valves in gaseous service shall be allowed to have a VOC leak, longer than 15 days after discovery, exceeding the specified VOC concentration.	§ 115.354(10) § 115.354(2) § 115.354(2)(D) § 115.354(4) § 115.354(5) § 115.354(6) [G]§ 115.354(7) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) [G]§ 115.356(3) § 115.356(5)	[G]§ 115.354(7)
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(2)(B) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(9) § 115.357(9)(A)	No pressure relief valves in liquid service shall be allowed to have a VOC leak, longer than 15 days after discovery, exceeding the specified VOC concentration.	§ 115.354(10) § 115.354(4) § 115.354(5) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) [G]§ 115.356(3) § 115.356(5)	None
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) [G]§ 115.352(2)(C) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1)	No pump seals, contacting a process fluid with a TVP of 0.044 psia or less, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration.	§ 115.354(2) § 115.354(2)(B) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(2) § 115.352(2)(A) [G]§ 115.352(2)(C) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(8)	No pump seals, contacting a process fluid with a TVP greater than 0.044 psia and not equipped with a shaft seal system, shall be allowed to have a VOC leak, for more than 15 days after discovery, exceeding the specified VOC concentration.	§ 115.354(10) § 115.354(2) § 115.354(2)(B) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.356(3)(C).	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
REFFUG#001	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(11)	Sampling connection systems, as defined in 40 CFR §63.161 (January 17, 1997), that meet the requirements of 40 CFR §63.166(a) and (b) (June 20, 1996) are exempt from the requirements of this division except §115.356(3)(C) of this title.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
REFFUG#001	EU	60GGG-CD1	VOC	40 CFR Part 60, Subpart GGG	[G]§ 60.592 § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9	Comply with the requirements as stated in §60.482-3 for compressors.	[G]§ 60.482-3 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.592(d)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.592(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.592(e)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
REFFUG#001	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.593a(c) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-3a [G]§ 60.482-9a	Comply with the requirements stated in §60.482-3a for compressors.	§ 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-3a § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(c) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.486a(a) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(6) [G]§ 60.486a(e)(8) [G]§ 60.486a(h) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(v) § 60.487a(c)(2)(vi) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
REFFUG#001	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.593a(d) § 60.593a(g) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-8a [G]§ 60.482-9a	Comply with the requirements stated in §60.482-8a for flanges or connectors in heavy liquid service.	[G]§ 60.482-8a § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.486a(a) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
REFFUG#001	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.593a(d) § 60.593a(f) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-6a § 60.482-6a(b) § 60.482-6a(c) § 60.482-6a(d) [G]§ 60.482-9a	Comply with the requirements stated in §60.482-6a for open-ended valves or lines.	§ 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.486a(a) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(6) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
REFFUG#001	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-4a [G]§ 60.482-9a	Comply with the requirements stated in §60.482-4a for pressure relief devices in gas/vapor service.	[G]§ 60.482-4a § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.486a(a) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(3) § 60.486a(e)(4) [G]§ 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
REFFUG#001	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.593a(d) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-8a [G]§ 60.482-9a	Comply with the requirements stated in §60.482-8a for pressure relief devices in light liquid service.	[G]§ 60.482-8a § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f)	[G]§ 60.486a(a) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
REFFUG#001	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-8a [G]§ 60.482-9a	Comply with the requirements stated in §60.482-8a for pumps in heavy liquid service.	[G]§ 60.482-8a § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f)	[G]§ 60.486a(a) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
REFFUG#001	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.593a(d) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-2a [G]§ 60.482-9a	Comply with the requirements stated in §60.482-2a for pumps in light liquid service.	[G]§ 60.482-2a § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(c) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f)	[G]§ 60.486a(a) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(6) [G]§ 60.486a(e)(7) [G]§ 60.486a(e)(8) [G]§ 60.486a(f) [G]§ 60.486a(h) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(iii) § 60.487a(c)(2)(iv) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
REFFUG#001	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.593a(d) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-5a [G]§ 60.482-9a	Comply with the requirements stated in §60.482-5a for sampling connection systems.	§ 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f)	[G]§ 60.486a(a) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(6) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
REFFUG#001	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.593a(d) § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-7a [G]§ 60.482-9a	Comply with the requirements stated in §60.482-7a for valves in gas/vapor service and in light liquid service.	[G]§ 60.482-7a [G]§ 60.483-1a [G]§ 60.483-2a § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(c) [G]§ 60.485a(d) [G]§ 60.485a(e) § 60.485a(f)	[G]§ 60.486a(a) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(6) [G]§ 60.486a(e)(8) [G]§ 60.486a(f) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(i) § 60.487a(c)(2)(ii) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
REFFUG#001	EU	60GGGa-1	VOC	40 CFR Part 60, Subpart GGGa	[G]§ 60.592a § 60.482-1a(a) § 60.482-1a(b) [G]§ 60.482-1a(e) [G]§ 60.482-8a [G]§ 60.482-9a	Comply with the requirements stated in §60.482-8a for valves in heavy liquid service.	[G]§ 60.482-8a § 60.485a(a) [G]§ 60.485a(b) [G]§ 60.485a(d) § 60.485a(f)	[G]§ 60.486a(a) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(6) [G]§ 60.486a(e)(8) § 60.486a(j)	§ 60.487a(a) [G]§ 60.487a(b) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(f)
REFFUG#001	EU	63CC-1	112(B) HAPS	40 CFR Part 63, Subpart CC	[G]§ 63.648(a) § 60.482-1(a) § 60.482-1(b) [G]§ 60.482-3 [G]§ 60.482-9	Comply with the requirements stated in §60.482-3 for compressors.	[G]§ 60.482-3 § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 63.648(h)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e)



**Additional Monitoring Requirements**

**Periodic Monitoring Summary ..... 480**

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 04TFX#4026	
Control Device ID No.: 04CAN*4026	Control Device Type: Carbon Adsorption System (Non-Regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-1
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Carbon Replacement Interval	
Minimum Frequency: At each replacement of carbon canister	
Averaging Period: n/a	
Deviation Limit: Failure to replace the carbon canister by the established replacement time interval shall be reported as a deviation.	
<p>Periodic Monitoring Text: Monitor and record the replacement time interval of the carbon canister(s), as determined by the maximum design flow rate and organic concentration in the gas stream vented to the carbon adsorption system. Any data, collected for a period which exceeds the maximum carbon replacement interval shall be considered and reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 04TFX#4026	
Control Device ID No.: 04TFX#4026	Control Device Type: Vapor Collection System
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-1
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: VOC concentration equal or exceeding 500 ppm above background shall be considered and reported as a deviation.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with part 60, appendix A, method 21.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 04TFX#4026	
Control Device ID No.: 04TFX#4026	Control Device Type: Vapor Collection System
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-1
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Defects in closed vent system detected by visual inspections shall be considered and reported as a deviation.	
Periodic Monitoring Text: Visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 04TFX#4028	
Control Device ID No.: 04CAN*4028	Control Device Type: Carbon Adsorption System (Non-Regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-2
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Carbon Replacement Interval	
Minimum Frequency: At each replacement of carbon canister	
Averaging Period: n/a	
Deviation Limit: Failure to replace the carbon canister by the established replacement time interval shall be reported as a deviation.	
<p>Periodic Monitoring Text: Monitor and record the replacement time interval of the carbon canister(s), as determined by the maximum design flow rate and organic concentration in the gas stream vented to the carbon adsorption system. Any data, collected for a period which exceeds the maximum carbon replacement interval shall be considered and reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 04TFX#4028	
Control Device ID No.: 04TFX#4028	Control Device Type: Vapor Collection System
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-2
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: VOC concentration equal or exceeding 500 ppm above background shall be considered and reported as a deviation.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with part 60, appendix A, method 21.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 04TFX#4028	
Control Device ID No.: 04TFX#4028	Control Device Type: Vapor Collection System
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-2
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Defects in closed vent system detected by visual inspections shall be considered and reported as a deviation.	
Periodic Monitoring Text: Visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 04TFX#4029	
Control Device ID No.: 04CAN*4029	Control Device Type: Carbon Adsorption System (Non-Regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-3
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Carbon Replacement Interval	
Minimum Frequency: At each replacement of carbon canister	
Averaging Period: n/a	
Deviation Limit: Failure to replace the carbon canister by the established replacement time interval shall be reported as a deviation.	
<p>Periodic Monitoring Text: Monitor and record the replacement time interval of the carbon canister(s), as determined by the maximum design flow rate and organic concentration in the gas stream vented to the carbon adsorption system. Any data, collected for a period which exceeds the maximum carbon replacement interval shall be considered and reported as a deviation.</p>	



### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 04TFX#4029	
Control Device ID No.: 04TFX#4029	Control Device Type: Vapor Collection System
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-3
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: VOC concentration equal or exceeding 500 ppm above background shall be considered and reported as a deviation.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with part 60, appendix A, method 21.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 04TFX#4029	
Control Device ID No.: 04TFX#4029	Control Device Type: Vapor Collection System
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-3
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Defects in closed vent system detected by visual inspections shall be considered and reported as a deviation.	
Periodic Monitoring Text: Visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 06STK_002	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Monthly	
Averaging Period: N/A	
<p>Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.</p>	
<p>Periodic Monitoring Text: For purposes of annual compliance certification under 30 TAC § 122.146, the permit holder is required to conduct an observation of stationary vents monthly. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p> <p>Visible emissions shall be determined with all sources in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 miles, away from the emission source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes.</p> <p>All credible data must be considered when certifying compliance with the requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 06STK_003	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Monthly	
Averaging Period: N/A	
<p>Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.</p>	
<p>Periodic Monitoring Text: For purposes of annual compliance certification under 30 TAC § 122.146, the permit holder is required to conduct an observation of stationary vents monthly. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p> <p>Visible emissions shall be determined with all sources in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 miles, away from the emission source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes.</p> <p>All credible data must be considered when certifying compliance with the requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.</p>	

## Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 20STK_004	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Monthly	
Averaging Period: N/A	
<p>Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.</p>	
<p>Periodic Monitoring Text: For purposes of annual compliance certification under 30 TAC § 122.146, the permit holder is required to conduct an observation of stationary vents monthly. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p> <p>Visible emissions shall be determined with all sources in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 miles, away from the emission source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes.</p> <p>All credible data must be considered when certifying compliance with the requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 27STK_003	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Monthly	
Averaging Period: N/A	
<p>Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.</p> <p>Periodic Monitoring Text: For purposes of annual compliance certification under 30 TAC § 122.146, the permit holder is required to conduct an observation of stationary vents monthly. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p> <p>Visible emissions shall be determined with all sources in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 miles, away from the emission source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes.</p> <p>All credible data must be considered when certifying compliance with the requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 28STK_003	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Monthly	
Averaging Period: N/A	
<p>Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.</p> <p>Periodic Monitoring Text: For purposes of annual compliance certification under 30 TAC § 122.146, the permit holder is required to conduct an observation of stationary vents monthly. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p> <p>Visible emissions shall be determined with all sources in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 miles, away from the emission source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes.</p> <p>All credible data must be considered when certifying compliance with the requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 32STK_001	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-10
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Monthly	
Averaging Period: N/A	
<p>Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is not performed, then the deviation limit shall be 15% opacity.</p> <p>Periodic Monitoring Text: For purposes of annual compliance certification under 30 TAC § 122.146, the permit holder is required to conduct an observation of stationary vents monthly. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p> <p>Visible emissions shall be determined with all sources in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 miles, away from the emission source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes.</p> <p>All credible data must be considered when certifying compliance with the requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.</p>	



## Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 36OWS#001	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-1
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Annually	
Averaging Period: n/a	
Deviation Limit: Failure to repair leaks that could result in air emissions	
<p>Periodic Monitoring Text: Measure and record the VOC concentration using a portable analyzer to monitor VOC concentration around the immediate area of the compartment in accordance with 40 CFR Part 60, Appendix A, Method 21. Each potential leak interface (a location where organic vapor leakage could occur) on the cover and associated closure devices shall be checked. Potential leak interfaces that are associated with covers and closure devices include, but are not limited to: the interface of the cover and its foundation mounting; the periphery of any opening on the cover and its associated closure device; and the sealing seat interface on a spring-loaded pressure relief valve. The owner or operator may choose to adjust the detection instrument readings for the background organic concentration level. For a potential leak interface other than a seal around a shaft that passes through a cover opening, the maximum deviation limit shall be 500 ppmv. For a seal around a shaft that passes through a cover opening the maximum deviation limit shall be 10,000 ppmv.</p> <p>The monitoring instrumentation shall be maintained and operated in accordance with manufacturer's specifications or other written procedures.</p> <p>If a defect is detected, the separator shall be repaired or emptied within 60 days of the inspection. An extension will be requested in the event that the separator cannot be repaired or emptied within the 60 day time frame.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 36OWS#001	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131-1
Pollutant: VOC	Main Standard: § 115.132(a)(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Semi-annual	
Averaging Period: n/a	
Deviation Limit: Failure to repair inspection defects that could result in air emissions	
<p>Periodic Monitoring Text: The oil-water separator and its closure devices shall be visually inspected by the owner operator to check for defects that could result in air emissions. Defects include, but are not limited to, visible cracks, holes, or gaps in the roof sections or between the roof and the separator wall; broken, cracked, or otherwise damaged seals or gaskets on closure devices; and broken or missing hatches, access covers, caps, or other closure devices. If a defect is detected, the separator shall be repaired or emptied within 60 days of the inspection. An extension will be requested in the event that the separator cannot be repaired or emptied within the 60 day time frame.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 36TVV_011	
Control Device ID No.: 36HTR#006	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-1
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of boiler operation that are not recorded shall be considered and reported as a deviation.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 36TVV_011	
Control Device ID No.: 36HTR#007	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-2
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of boiler operation that are not recorded shall be considered and reported as a deviation.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 36TVV_012	
Control Device ID No.: 36HTR#006	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-3
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of boiler operation that are not recorded shall be considered and reported as a deviation.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 36TVV_012	
Control Device ID No.: 36HTR#007	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-4
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of boiler operation that are not recorded shall be considered and reported as a deviation.	
Periodic Monitoring Text: Monitor and record the periods of operation of the steam generating units or process heater. All periods that are not recorded shall be considered and reported as a deviation. The records must be readily available for inspection.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 47OWS#API	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: 115-24
Pollutant: VOC	Main Standard: § 115.132(a)(2)
Monitoring Information	
Indicator: Seal inspection failure	
Minimum Frequency: Semi-annual	
Averaging Period: N/A	
Deviation Limit: Failure to repair seal inspection failures	
<p>Periodic Monitoring Text: The secondary seal will be visually inspected semi-annually for the following items: the external floating roof is not resting on the surface of the VOC inside the API separator; or the liquid has not accumulated on the external floating roof; or the seal is detached; or there are holes and tears in the seal fabric; or there are visible gaps between the seal and the wall of the API separator. Gap measurements will be taken when the API separator is emptied and degassed to determine if the accumulated seal gap area exceeds the maximum allowable seal gap area of 1 square inch per foot of tank diameter. If a failure is detected, the API separator shall be repaired or emptied within 60 days of the inspection.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 47OWS#CPI	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: 115-24
Pollutant: VOC	Main Standard: § 115.132(a)(2)
Monitoring Information	
Indicator: Seal inspection failure	
Minimum Frequency: Semi-annual	
Averaging Period: N/A	
Deviation Limit: Failure to repair seal inspection failures.	
<p>Periodic Monitoring Text: The secondary seal will be visually inspected semi-annually for the following items: the external floating roof is not resting on the surface of the VOC inside the API separator; or the liquid has not accumulated on the external floating roof; or the seal is detached; or there are holes and tears in the seal fabric; or there are visible gaps between the seal and the wall of the API separator. Gap measurements will be taken when the API separator is emptied and degassed to determine if the accumulated seal gap area exceeds the maximum allowable seal gap area of 1 square inch per foot of tank diameter. If a failure is detected, the API separator shall be repaired or emptied within 60 days of the inspection.</p>	



### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 47TFX#4184	
Control Device ID No.: 47CAN*4184	Control Device Type: Carbon Adsorption System (Non-Regenerative)
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-7
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Carbon Replacement Interval	
Minimum Frequency: At each replacement of carbon canister	
Averaging Period: n/a	
Deviation Limit: Failure to replace carbon canister within the replacement interval shall be considered and reported as a deviation.	
Periodic Monitoring Text: Monitor and record the replacement time interval of the carbon canister(s), as determined by the maximum design flow rate and organic concentration in the gas stream vented to the carbon adsorption system. Any data, collected for a period which exceeds the maximum carbon replacement interval shall be considered and reported as a deviation.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 47TFX#4184	
Control Device ID No.: 47TFX#4184	Control Device Type: Vapor Collection System
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-7
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: VOC Concentration	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: VOC concentration equal or exceeding 500 ppm above background shall be considered and reported as a deviation.	
Periodic Monitoring Text: Measure and record fugitive emissions from the vapor collection system in accordance with part 60, appendix A, method 21.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 47TFX#4184	
Control Device ID No.: 47TFX#4184	Control Device Type: Vapor Collection System
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Kb	SOP Index No.: 60Kb-7
Pollutant: VOC	Main Standard: [G]§ 60.112b(a)(3)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Once per year	
Averaging Period: n/a	
Deviation Limit: Defects in closed vent system detected by visual inspections shall be considered and reported as a deviation.	
Periodic Monitoring Text: Visually inspect all components of the vapor collection system for defects, such as cracks, holes, gaps, loose connections, or broken or missing covers or other closure devices, that could result in air emissions.	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 55STK_001	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: 111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Monthly	
Averaging Period: N/A	
<p>Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.</p>	
<p>Periodic Monitoring Text: For purposes of annual compliance certification under 30 TAC § 122.146, the permit holder is required to conduct an observation of stationary vents monthly. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p> <p>Visible emissions shall be determined with all sources in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 miles, away from the emission source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes.</p> <p>All credible data must be considered when certifying compliance with the requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 56STK_025	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Monthly	
Averaging Period: n/a	
<p>Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.</p>	
<p>Periodic Monitoring Text: For purposes of annual compliance certification under 30 TAC § 122.146, the permit holder is required to conduct an observation of stationary vents monthly. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p> <p>Visible emissions shall be determined with all sources in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 miles, away from the emission source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes.</p> <p>All credible data must be considered when certifying compliance with the requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 56STK_026	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Monthly	
Averaging Period: n/a	
<p>Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.</p>	
<p>Periodic Monitoring Text: For purposes of annual compliance certification under 30 TAC § 122.146, the permit holder is required to conduct an observation of stationary vents monthly. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p> <p>Visible emissions shall be determined with all sources in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 miles, away from the emission source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes.</p> <p>All credible data must be considered when certifying compliance with the requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 57STK_033	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: 111-7
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Monthly	
Averaging Period: N/A	
<p>Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.</p>	
<p>Periodic Monitoring Text: For purposes of annual compliance certification under 30 TAC § 122.146, the permit holder is required to conduct an observation of stationary vents monthly. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p> <p>Visible emissions shall be determined with all sources in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 miles, away from the emission source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes.</p> <p>All credible data must be considered when certifying compliance with the requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 57STK_034	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: 111-8
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Monthly	
Averaging Period: N/A	
<p>Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.</p>	
<p>Periodic Monitoring Text: For purposes of annual compliance certification under 30 TAC § 122.146, the permit holder is required to conduct an observation of stationary vents monthly. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p> <p>Visible emissions shall be determined with all sources in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 miles, away from the emission source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes.</p> <p>All credible data must be considered when certifying compliance with the requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.</p>	



### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 61STK_001	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Monthly	
Averaging Period: N/A	
<p>Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.</p>	
<p>Periodic Monitoring Text: For purposes of annual compliance certification under 30 TAC § 122.146, the permit holder is required to conduct an observation of stationary vents monthly. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p> <p>Visible emissions shall be determined with all sources in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 miles, away from the emission source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes.</p> <p>All credible data must be considered when certifying compliance with the requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.</p>	

## Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 61STK_002	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-2
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Monthly	
Averaging Period: N/A	
<p>Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.</p>	
<p>Periodic Monitoring Text: For purposes of annual compliance certification under 30 TAC § 122.146, the permit holder is required to conduct an observation of stationary vents monthly. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p> <p>Visible emissions shall be determined with all sources in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 miles, away from the emission source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes.</p> <p>All credible data must be considered when certifying compliance with the requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 61STK_003	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-3
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Monthly	
Averaging Period: N/A	
<p>Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.</p>	
<p>Periodic Monitoring Text: For purposes of annual compliance certification under 30 TAC § 122.146, the permit holder is required to conduct an observation of stationary vents monthly. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p> <p>Visible emissions shall be determined with all sources in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 miles, away from the emission source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes.</p> <p>All credible data must be considered when certifying compliance with the requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 63TFX#005	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-263
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: Failure to conduct repairs to the fill pipe if defects are detected prior to refilling the storage vessel shall be reported as a deviation.	
<p>Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 63TFX#005	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112-263
Pollutant: VOC	Main Standard: § 115.112(a)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: Failure to keep record of the tank construction specifications shall be reported as a deviation.	
<p>Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.</p>	

## Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 70STK_001	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Monthly	
Averaging Period: N/A	
<p>Deviation Limit: The presence of any visible emissions shall be considered a deviation unless a Method 9 observation is performed. If a Method 9 observation is performed, then the deviation limit shall be 15% opacity.</p> <p>Periodic Monitoring Text: For purposes of annual compliance certification under 30 TAC § 122.146, the permit holder is required to conduct an observation of stationary vents monthly. If visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2).</p> <p>Visible emissions shall be determined with all sources in clear view of the observer. The observer shall be at least 15 feet, but no more than 0.25 miles, away from the emission source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes.</p> <p>All credible data must be considered when certifying compliance with the requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: PROSRU1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2112-2
Pollutant: SO <sub>2</sub>	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: SO <sub>2</sub> Concentration	
Minimum Frequency: Four times per hour	
Averaging Period: Hourly	
Deviation Limit: Maximum SO <sub>2</sub> concentration = 250 ppmv	
<p>Periodic Monitoring Text: Measure and record the concentration of SO<sub>2</sub> in the exhaust stream of the control device with a continuous emission monitoring system (CEMS). In addition, measure and record the oxygen or carbon dioxide content of the flue gas with a CEMS. The CEMS shall be operated in accordance with 40 CFR § 60.13 and the Performance Specifications of 40 CFR Part 60, Appendix B. The maximum sulfur dioxide concentration (specified in units of the underlying applicable requirement) is the corresponding sulfur dioxide limit associated with the emission limitation in the underlying applicable requirement. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: PROSRU23	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2112-1
Pollutant: SO <sub>2</sub>	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: SO <sub>2</sub> Concentration	
Minimum Frequency: Four times per hour	
Averaging Period: Hourly	
Deviation Limit: Maximum SO <sub>2</sub> concentration = 250 ppmv	
<p>Periodic Monitoring Text: Measure and record the concentration of SO<sub>2</sub> in the exhaust stream of the control device with a continuous emission monitoring system (CEMS). In addition, measure and record the oxygen or carbon dioxide content of the flue gas with a CEMS. The CEMS shall be operated in accordance with 40 CFR § 60.13 and the Performance Specifications of 40 CFR Part 60, Appendix B. The maximum sulfur dioxide concentration (specified in units of the underlying applicable requirement) is the corresponding sulfur dioxide limit associated with the emission limitation in the underlying applicable requirement. Any monitoring data above the maximum limit shall be considered and reported as a deviation.</p>	



**Permit Shield**

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### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
01BLW#006	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
01BLW#006	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
02BLW#007	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
02BLW#007	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
02CTL#017	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals
02ENG#001	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
02SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
02SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
02SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
02TFX#4191	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
02TFX#4191	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
02TFX#4191	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 27, 1984
02TFX#4191	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC.
02TFX#4192	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
02TFX#4192	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
02TFX#4192	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 27, 1984
02TFX#4192	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC.
02TFX#4193	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
02TFX#4193	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
02TFX#4193	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 27, 1984
02TFX#4193	N/A	40 CFR Part 63, Subpart CC	Tank does not store any HAPs
02TFX#4193	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
02TFX#4194	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
02TFX#4194	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
02TFX#4194	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 27, 1984
02TFX#4194	N/A	40 CFR Part 63, Subpart CC	Tank does not store any HAPs
02TFX#4194	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
02TVD#001	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
02TVD#002	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
02TVV_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Vent stream does not contain VOCs
02TVV_001	N/A	40 CFR Part 63, Subpart CC	Vent stream does not contain any HAPs
03BLW#007	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
03BLW#007	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
03SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
03SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
04BLW#004	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves vent to a closed vent system and control device.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
04BLW#004	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
04CTL#002	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals.
04CTL#006	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals.
04HTR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
04HTR#002	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
04HTR#003	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
04HTR#004	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
04SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt.
04SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
04SEW#002	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt.
04SEW#002	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
04STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source
04STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion source not a process vent
04STK_002	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source
04STK_002	N/A	40 CFR Part 63, Subpart CC	Combustion source not a process vent
04STK_003	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
04STK_003	N/A	40 CFR Part 63, Subpart CC	Combustion source not a process vent
04STK_004	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
04STK_004	N/A	40 CFR Part 63, Subpart CC	Combustion source not a process vent
04TFX#0425	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978.
04TFX#0425	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 27, 1984.
04TFX#0425	N/A	40 CFR Part 63, Subpart CC	Tank does not store any HAPs
04TFX#0425	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids (< 5% HAPS).
04TFX#0426	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978.
04TFX#0426	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 27, 1984.
04TFX#0426	N/A	40 CFR Part 63, Subpart CC	Tank does not store any HAPs
04TFX#0426	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids (< 5% HAPS)
04TFX#100	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973.
04TFX#100	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
04TFX#100	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
04TFX#100	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
04TFX#100	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
04TFX#1341	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973.
04TFX#1341	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
04TFX#1341	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 27, 1984
04TFX#1341	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC.
04TFX#4024	N/A	40 CFR Part 60, Subpart K	Tank storage capacity is less than 40,000 gallons.
04TFX#4024	N/A	40 CFR Part 60, Subpart Ka	Tank storage capacity is less than 40,000 gallons.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
04TFX#4024	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
04TFX#4024	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC.
04TFX#4025	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons
04TFX#4025	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973.
04TFX#4025	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
04TFX#4025	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 27, 1984
04TFX#4025	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC.
04TFX#4026	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
04TFX#4026	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
04TFX#4026	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
04TFX#4028	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
04TFX#4028	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
04TFX#4028	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
04TFX#4029	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
04TFX#4029	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
04TFX#4029	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
04TFX#4125	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973.
04TFX#4125	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978.
04TFX#4125	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 27, 1984.
04TFX#4125	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
04TOT#4018	N/A	40 CFR Part 60, Subpart K	Tank constructed after 5/19/1978
04TOT#4018	N/A	40 CFR Part 60, Subpart Ka	Tank constructed after 7/23/1984
04TOT#4018	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa (0.5 psia)

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
04TOT#4018	N/A	40 CFR Part 63, Subpart CC	Tank not in HAP service
04TOT#4018	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids (<5% HAPS)
04TOT#4019	N/A	40 CFR Part 60, Subpart K	Tank constructed after 5/18/1978
04TOT#4019	N/A	40 CFR Part 60, Subpart Ka	Tank constructed after 7/23/1984
04TOT#4019	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa (0.5 psia)
04TOT#4019	N/A	40 CFR Part 63, Subpart CC	Tank not in HAP service
04TOT#4019	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids (<5% HAPS)
04TVD#001	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
04TVD#002	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
04TVD#003	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
04TVD#004	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
05BLW#003	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
05BLW#003	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
05BLW#005	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
05BLW#005	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
05CTL#026	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
05HTR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel.
05HTR#002	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel.
05HTR#004	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel.
05OWS#PDM1	N/A	40 CFR Part 60, Subpart QQQ	Constructed prior to May 4, 1987
05OWS#PDM1	N/A	40 CFR Part 63, Subpart CC	There are no Group 1 wastewater streams.
05OWS#PDM2	N/A	40 CFR Part 60, Subpart QQQ	Constructed prior to May 4, 1987
05OWS#PDM2	N/A	40 CFR Part 63, Subpart CC	There are no Group 1 wastewater streams.
05SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur area are exempt.
05SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream.
05STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source
05STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a process vent
05STK_002	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source
05STK_002	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a process vent
05STK_004	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source
05STK_004	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a process vent
05TFX#0337	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not store volatile organic compounds
05TFX#0337	N/A	40 CFR Part 60, Subpart K	Storage capacity < 40,000 gallons
05TFX#0337	N/A	40 CFR Part 60, Subpart Ka	Storage capacity < 40,000 gallons
05TFX#0337	N/A	40 CFR Part 60, Subpart Kb	Storage capacity < 75 cubic meters
05TFX#0337	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
05TFX#0337	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids



### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
05TFX#0338	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not store volatile organic compounds
05TFX#0338	N/A	40 CFR Part 60, Subpart K	Storage capacity < 40,000 gallons
05TFX#0338	N/A	40 CFR Part 60, Subpart Ka	Storage capacity < 40,000 gallons
05TFX#0338	N/A	40 CFR Part 60, Subpart Kb	Storage capacity < 75 cubic meters
05TFX#0338	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
05TFX#0338	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
05TFX#165C	N/A	40 CFR Part 60, Subpart K	Storage capacity < 40,000 gallons
05TFX#165C	N/A	40 CFR Part 60, Subpart Ka	Storage capacity < 40,000 gallons
05TFX#165C	N/A	40 CFR Part 60, Subpart Kb	Storage capacity < 75 cubic meters
05TFX#165C	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
05TFX#192C	N/A	40 CFR Part 60, Subpart K	Storage capacity < 40,000 gallons
05TFX#192C	N/A	40 CFR Part 60, Subpart Ka	Storage capacity < 40,000 gallons
05TFX#192C	N/A	40 CFR Part 60, Subpart Kb	Storage capacity < 75 cubic meters
05TFX#192C	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
05TFX#192C	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
05TFX#4014	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons
05TFX#4014	N/A	40 CFR Part 60, Subpart K	Storage capacity < 40,000 gallons
05TFX#4014	N/A	40 CFR Part 60, Subpart Ka	Storage capacity < 40,000 gallons
05TFX#4014	N/A	40 CFR Part 60, Subpart Kb	Storage capacity < 75 cubic meters
05TFX#4014	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
05TFX#4014	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
05TFX#4130	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity less than 1,000 gallons

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
05TFX#4130	N/A	40 CFR Part 60, Subpart K	Storage capacity < 40,000 gallons
05TFX#4130	N/A	40 CFR Part 60, Subpart Ka	Storage capacity < 40,000 gallons
05TFX#4130	N/A	40 CFR Part 60, Subpart Kb	Storage capacity < 75 cubic meters
05TFX#4130	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
05TFX#4130	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
05TFX#4196	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
05TFX#4196	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
05TFX#4196	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
05TFX#4196	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
05TFX#4196	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
05TFX#4196	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
05TFX#4196	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
05TFX#4197	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
05TFX#4197	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
05TFX#4197	N/A	40 CFR Part 60, Subpart Kb	Storage Capacity < 75 cubic meters
05TFX#4197	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
05TOT#048	N/A	40 CFR Part 60, Subpart K	Storage Capacity < 40,000 gallons
05TOT#048	N/A	40 CFR Part 60, Subpart Ka	Storage Capacity < 40,000 gallons
05TOT#048	N/A	40 CFR Part 60, Subpart Kb	Storage Capacity < 75 cubic meters
05TOT#048	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
06BLR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
06BLR#001	N/A	40 CFR Part 63, Subpart DDDDD	The steam generating equipment of the CO Boiler is a waste-heat boiler; therefore, the unit does not meet the definition of a boiler and is not an affected source.
06BLW#008	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
06BLW#008	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
06CTL#001	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals
06HTR#002	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
06OWS#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed prior to May 4, 1987
06OWS#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
06SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
06SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed prior to May 4, 1987
06SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
06STK_002	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
06STK_002	N/A	40 CFR Part 63, Subpart CC	Combustion source not a misc. process vent
06STK_003	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
06STK_003	N/A	40 CFR Part 63, Subpart CC	Combustion source not a misc. process vent
06TFX#017	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity less than 1,000 gallons
06TFX#017	N/A	40 CFR Part 60, Subpart K	Storage capacity < 40,000 gallons
06TFX#017	N/A	40 CFR Part 60, Subpart Ka	Storage capacity < 40,000 gallons

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
06TFX#017	N/A	40 CFR Part 60, Subpart Kb	Storage capacity < 75 cubic meters
06TFX#017	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
06TFX#017	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
06TVD#001	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
06TVD#002	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
06TVD#003	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
07BLW#008	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
07BLW#008	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
07CTL#016	N/A	40 CFR Part 63, Subpart Q	No operated with chromium-based water treatment chemicals
07SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
07SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
07SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
08BLW#007	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
08BLW#007	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
08CTL#013	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
08CTL#021	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals
08CTL#033	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals
08SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
08SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
08SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
08STK_002	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
08STK_002	N/A	40 CFR Part 63, Subpart CC	Combustion source not a process vent
08TVD#001	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
08TVD#002	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
08TVD#003	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
08TVD#004	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
08TVD#005	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
08TVD#006	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
08TVD#007	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
08TVD#008	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
08TVV_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Does not vent VOC during routine operation
08TVV_001	N/A	40 CFR Part 63, Subpart CC	Vent stream does not vent HAP's during routine operations
08VNT_001	N/A	40 CFR Part 63, Subpart CC	Vent stream does not contain HAP's
09BLW#007	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
09BLW#007	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
09SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
09SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
09SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
09TVD#001	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
09TVD#002	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
09TVD#003	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
09TVD#004	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
09TVD#005	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
10BLW#007	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
10BLW#007	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
10SEP#001	N/A	30 TAC Chapter 115, Water Separation	Not a VOC / water separator
10SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
10SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
10TVD#001	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
11BLW#007	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
11BLW#007	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
11SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in the Beaumont/Port Arthur area are exempt
11SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
11TVD#001	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
12BLW#007	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device
12BLW#007	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
12RXT#001	N/A	40 CFR Part 60, Subpart RRR	Does not produce a SOCMI chemical for sale or use
12RXT#002	N/A	40 CFR Part 60, Subpart RRR	Does not produce a SOCMI chemical for sale or use
12SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in the Beaumont/Port Arthur area are exempt
12SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
12SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
12TVD#001	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
12TVD#001	N/A	40 CFR Part 60, Subpart RRR	Does not produce a SOCMI chemical for sale or use
12VSL#001	N/A	30 TAC Chapter 115, Water Separation	Not a VOC / water separator
13BLW#005	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
13BLW#005	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
13SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt.
13SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987.
13SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream.
13TFX#0300	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not store volatile organic compounds
13TFX#0300	N/A	40 CFR Part 60, Subpart K	Storage capacity < 40,000 gallons
13TFX#0300	N/A	40 CFR Part 60, Subpart Ka	Storage capacity < 40,000 gallons
13TFX#0300	N/A	40 CFR Part 60, Subpart Kb	Storage capacity < 75 cubic meters
13TFX#0300	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
13TFX#0300	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
13TFX#4080	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not store VOCs
13TFX#4080	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquids
13TFX#4080	N/A	40 CFR Part 60, Subpart Ka	Tank does not store petroleum liquids



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
13TFX#4080	N/A	40 CFR Part 60, Subpart Kb	Tank does not store volatile organic liquids
13TFX#4080	N/A	40 CFR Part 63, Subpart CC	Tank does not store HAPs
13TFX#4080	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
14BLW#008	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
14BLW#008	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
14SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
14SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
14SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
15BLW#001	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves are venting to a control device.
15BLW#001	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
15CTL#018	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water chemicals
15ENG#003	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
15HTR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not fire liquid or solid fossil fuel.
15HTR#001	N/A	40 CFR Part 60, Subpart D	Process reboiler, not a steam generating unit by definition
15SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in the Beaumont/Port Arthur area are exempt.
15SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
15SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
15STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
15STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion source not a process vent
16BLR#002	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not fire liquid or solid fossil fuel
16BLR#002	N/A	40 CFR Part 60, Subpart D	Process reboiler, not a steam generating unit by definition
16BLW#002	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
16BLW#002	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
16HTR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not fire liquid or solid fossil fuel.
16HTR#001	N/A	40 CFR Part 60, Subpart D	Process reboiler, not a steam generating unit by definition
16SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in the Beaumont/Port Arthur area are exempt.
16SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987.
16SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
16STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
16STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion source not a process vent
16TFX#3121	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons
16TFX#3121	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
16TFX#3121	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
16TFX#3121	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
16TFX#3121	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC.
17BLW#002	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
17BLW#002	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
17TFX#4007	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquid.
17TFX#4007	N/A	40 CFR Part 60, Subpart Ka	Constructed before May 18, 1978
17TFX#4007	N/A	40 CFR Part 60, Subpart Kb	Constructed before July 23, 1984
17TFX#4007	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
17TFX#4008	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquid.
17TFX#4008	N/A	40 CFR Part 60, Subpart Ka	Constructed before May 18, 1978
17TFX#4008	N/A	40 CFR Part 60, Subpart Kb	Constructed before July 23, 1984
17TFX#4008	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC Storage Vessel by definition (< 40 cubic meters)
18BLW#002	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
18BLW#002	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
18SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in the Beaumont/Port Arthur area are exempt.
18SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
18SMP#4118	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons
18SMP#4118	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquid.
18SMP#4118	N/A	40 CFR Part 60, Subpart Ka	Constructed before May 18, 1978

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
18SMP#4118	N/A	40 CFR Part 60, Subpart Kb	Constructed before July 23, 1984
18SMP#4118	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC Storage Vessel by definition (< 40 cubic meters)
18TFX#4117	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
18TFX#4117	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
18TFX#4117	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa (0.5 psia)
18TFX#4117	N/A	40 CFR Part 63, Subpart EEEE	Tank complies with 40 CFR Part 63 Subpart CC
19BLW#005	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
19BLW#005	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
19CTL#025	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals
19SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
19SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
19SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
19TEF#1323	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
19TEF#1323	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
19TEF#1323	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
19TEF#1323	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
19TEF#1332	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
19TEF#1332	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
19TEF#1332	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
19TEF#1332	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
19TFX#0360	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
19TFX#0360	N/A	40 CFR Part 60, Subpart K	Does not store petroleum liquids
19TFX#0360	N/A	40 CFR Part 60, Subpart Ka	Does not store petroleum liquids
19TFX#0360	N/A	40 CFR Part 60, Subpart Kb	Does not store VOLs
19TFX#0360	N/A	40 CFR Part 63, Subpart CC	Does not store HAPs
19TFX#0360	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
19TFX#0361	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
19TFX#0361	N/A	40 CFR Part 60, Subpart K	Does not store petroleum liquids
19TFX#0361	N/A	40 CFR Part 60, Subpart Ka	Does not store petroleum liquids
19TFX#0361	N/A	40 CFR Part 60, Subpart Kb	Does not store VOLs
19TFX#0361	N/A	40 CFR Part 63, Subpart CC	Does not store HAPs
19TFX#0361	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
19TFX#0542	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
19TFX#0542	N/A	40 CFR Part 60, Subpart K	Does not store petroleum liquids
19TFX#0542	N/A	40 CFR Part 60, Subpart Ka	Does not store petroleum liquids
19TFX#0542	N/A	40 CFR Part 60, Subpart Kb	Does not store VOLs
19TFX#0542	N/A	40 CFR Part 63, Subpart CC	Does not store HAPs
19TFX#0542	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
19TFX#0547	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
19TFX#0547	N/A	40 CFR Part 60, Subpart K	Does not store petroleum liquids
19TFX#0547	N/A	40 CFR Part 60, Subpart Ka	Does not store petroleum liquids

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
19TFX#0547	N/A	40 CFR Part 60, Subpart Kb	Does not store VOLs
19TFX#0547	N/A	40 CFR Part 63, Subpart CC	Does not store HAPs
19TFX#0547	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
19TFX#1356	N/A	30 TAC Chapter 115, Storage of VOCs	Does not store VOCs
19TFX#1356	N/A	40 CFR Part 60, Subpart K	Does not store petroleum liquids
19TFX#1356	N/A	40 CFR Part 60, Subpart Ka	Does not store petroleum liquids
19TFX#1356	N/A	40 CFR Part 60, Subpart Kb	Does not store VOLs
19TFX#1356	N/A	40 CFR Part 63, Subpart CC	Does not store HAPs
19TFX#1356	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
19TIF#0648	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
19TIF#0648	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
19TIF#0648	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
19TIF#0648	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
20BLW#003	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
20BLW#003	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
20CTL#005	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals
20HTR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
20HTR#001	N/A	30 TAC Chapter 117, Subchapter B	Capacity < 40 MMBtu/hr
20HTR#002	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
20HTR#002	N/A	30 TAC Chapter 117, Subchapter B	Capacity < 40 MMBtu/hr
20HTR#003	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
20HTR#003	N/A	30 TAC Chapter 117, Subchapter B	Capacity < 40 MMBtu/hr
20HTR#004	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
20HTR#005	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
20RXT#001	N/A	40 CFR Part 60, Subpart RRR	Does not produce a SOCM chemical for sale or use
20RXT#002	N/A	40 CFR Part 60, Subpart RRR	Does not produce a SOCM chemical for sale or use
20RXT#003	N/A	40 CFR Part 60, Subpart RRR	Does not produce a SOCM chemical for sale or use
20SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
20SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
20SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
20SEW#002	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
20SEW#002	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
20STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source
20STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a misc. process vent
20STK_002	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source
20STK_002	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a misc. process vent
20STK_003	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source
20STK_003	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a misc. process vent
20STK_004	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
20STK_004	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a misc. process vent
20STK_005	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source
20STK_005	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a misc. process vent
20TVT#001	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
20TVT#001	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
20TVT#001	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
20TVT#001	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,600 gallons (40 cubic meters)
20TVT#001	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
20TVV_001	N/A	30 TAC Chapter 115, Storage of VOCs	Only non-VOCs are emitted
20TVV_001	N/A	40 CFR Part 63, Subpart CC	Not in HAP service
20TVV_002	N/A	30 TAC Chapter 115, Storage of VOCs	Only non-VOCs are emitted
20TVV_002	N/A	40 CFR Part 63, Subpart CC	Not in HAP service
20TVV_003	N/A	30 TAC Chapter 115, Storage of VOCs	Only non-VOCs are emitted
20TVV_003	N/A	40 CFR Part 63, Subpart CC	Not in HAP service
20VNT_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Vents only during emergency/upsets
20VNT_001	N/A	40 CFR Part 63, Subpart CC	Not in HAP service
20VNT_002	N/A	30 TAC Chapter 115, Vent Gas Controls	Vents only during emergency/upsets
20VNT_002	N/A	40 CFR Part 63, Subpart CC	Not in HAP service
21BLW#003	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
21BLW#003	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
21HTR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
21HTR#001	N/A	30 TAC Chapter 117, Subchapter B	Capacity < 40 MMBtu/hr
21HTR#001	N/A	40 CFR Part 60, Subpart J	Does not burn fuel gas
21SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
21SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
21SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
21STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source
21STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a misc. process vent
22BLW#001	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
22BLW#001	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
22SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in the Beaumont/Port Arthur area are exempt.
22SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987.
22SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
24SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in the Beaumont/Port Arthur area are exempt.
24SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987.
24SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
25BLW#010	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
25BLW#010	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
25CTL#022	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals
25HTR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
25HTR#003	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
25HTR#003		30 TAC Chapter 117, Subchapter B	Capacity < 40 MMBtu/hr
25HTR#004	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
25HTR#004		30 TAC Chapter 117, Subchapter B	Capacity < 40 MMBtu/hr
25RXT#001	N/A	40 CFR Part 60, Subpart RRR	Does not produce a SOCM chemical for sale or use
25SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries located in Beaumont/Port Arthur are exempt
25SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
25SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
25STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
25STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion source, not a misc. process vent
25STK_003	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
25STK_003	N/A	40 CFR Part 63, Subpart CC	Combustion source, not a misc. process vent
25STK_004	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
25STK_004	N/A	40 CFR Part 63, Subpart CC	Combustion source, not a misc. process vent
25TFX#2368	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not store VOCs
25TFX#2368	N/A	40 CFR Part 60, Subpart K	Storage capacity < 151,412 liters (40,000 gallons)
25TFX#2368	N/A	40 CFR Part 60, Subpart Ka	Storage capacity < 151,416 liters (40,000 gallons)

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
25TFX#2368	N/A	40 CFR Part 60, Subpart Kb	Storage capacity < 75 cubic meters
25TFX#2368	N/A	40 CFR Part 63, Subpart CC	Tank does not store HAPs
26BLW#002	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief devices are venting to a control device
26BLW#002	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
26TFX#4020	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
26TFX#4020	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
26TFX#4020	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa (0.5 psia)
26TFX#4020	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
27BLW#003	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
27BLW#003	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
27BLW#005	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
27BLW#005	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
27CTL#003	N/A	40 CFR Part 63, Subpart Q	No chromium used on or after September 4, 1994
27HTR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
27HTR#002	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
27HTR#003	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
27HTR#004	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
27RXT#002	N/A	40 CFR Part 60, Subpart RRR	Does not produce a SOCM chemical for sale or use

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
27SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
27SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
27SEW#002	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
27SEW#002	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
27STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
27STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion source not a misc. process vent
27STK_002	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
27STK_002	N/A	40 CFR Part 63, Subpart CC	Combustion source not a misc. process vent
27STK_003	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
27STK_003	N/A	40 CFR Part 63, Subpart CC	Combustion source not a misc. process vent
27STK_004	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
27STK_004	N/A	40 CFR Part 63, Subpart CC	Combustion source not a misc. process vent
27TFX#1363	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
27TFX#1363	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
27TFX#1363	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
27TFX#1363	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC.
27TVD#001	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
27TVD#002	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
27TVD#003	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
27TVD#004	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
27TVT#001	N/A	40 CFR Part 60, Subpart K	Tank capacity < 40,000 gallons
27TVT#001	N/A	40 CFR Part 60, Subpart Ka	Tank capacity < 40,000 gallons
27TVT#001	N/A	40 CFR Part 60, Subpart Kb	Tank capacity < 75 cubic meters
27TVT#001	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,600 gallons (40 cubic meters)
27TVT#001	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
27TVT#002	N/A	40 CFR Part 60, Subpart K	Tank capacity < 40,000 gallons
27TVT#002	N/A	40 CFR Part 60, Subpart Ka	Tank capacity < 40,000 gallons
27TVT#002	N/A	40 CFR Part 60, Subpart Kb	Tank capacity < 75 cubic meters
27TVT#002	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,600 gallons (40 cubic meters)
27TVT#002	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
27TVT#003	N/A	40 CFR Part 60, Subpart K	Tank capacity < 40,000 gallons
27TVT#003	N/A	40 CFR Part 60, Subpart Ka	Tank capacity < 40,000 gallons
27TVT#003	N/A	40 CFR Part 60, Subpart Kb	Tank capacity < 75 cubic meters
27TVT#003	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,600 gallons (40 cubic meters)
27TVT#003	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
27TVT#004	N/A	40 CFR Part 60, Subpart K	Tank capacity < 40,000 gallons
27TVT#004	N/A	40 CFR Part 60, Subpart Ka	Tank capacity < 40,000 gallons
27TVT#004	N/A	40 CFR Part 60, Subpart Kb	Tank capacity < 75 cubic meters

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
27TVT#004	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,600 gallons (40 cubic meters)
27TVT#004	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
27TVT#005	N/A	40 CFR Part 60, Subpart K	Tank capacity < 40,000 gallons
27TVT#005	N/A	40 CFR Part 60, Subpart Ka	Tank capacity < 40,000 gallons
27TVT#005	N/A	40 CFR Part 60, Subpart Kb	Tank capacity < 75 cubic meters
27TVT#005	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,600 gallons (40 cubic meters)
27TVT#005	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
27TVT#006	N/A	40 CFR Part 60, Subpart K	Tank capacity < 40,000 gallons
27TVT#006	N/A	40 CFR Part 60, Subpart Ka	Tank capacity < 40,000 gallons
27TVT#006	N/A	40 CFR Part 60, Subpart Kb	Tank capacity < 75 cubic meters
27TVT#006	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,600 gallons (40 cubic meters)
27TVT#006	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
27VNT_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Vent stream does not contain VOC
27VNT_001	N/A	40 CFR Part 63, Subpart CC	Catalyst regeneration vent, not a miscellaneous process vent
27VNT_002	N/A	30 TAC Chapter 115, Vent Gas Controls	Vent stream does not contain VOC
27VNT_002	N/A	40 CFR Part 63, Subpart CC	Catalyst regeneration vent, not a miscellaneous process vent
28BLW#003	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
28BLW#003	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
28BLW#005	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
28BLW#005	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
28HTR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
28HTR#002	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
28HTR#003	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
28HTR#004	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
28RXT#001	N/A	40 CFR Part 60, Subpart RRR	Does not produce a SOCM chemical for sale or use
28SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
28SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
28STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
28STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion source not a misc. process vent
28STK_003	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
28STK_003	N/A	40 CFR Part 63, Subpart CC	Combustion source not a misc. process vent
28TVD#001	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
28TVD#002	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
28TVT#001	N/A	40 CFR Part 60, Subpart K	Tank capacity < 40,000 gallons
28TVT#001	N/A	40 CFR Part 60, Subpart Ka	Tank capacity < 40,000 gallons
28TVT#001	N/A	40 CFR Part 60, Subpart Kb	Tank capacity < 75 cubic meters

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
28TVT#001	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,600 gallons (40 cubic meters)
28TVT#001	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
28TVT#002	N/A	40 CFR Part 60, Subpart K	Tank capacity < 40,000 gallons
28TVT#002	N/A	40 CFR Part 60, Subpart Ka	Tank capacity < 40,000 gallons
28TVT#002	N/A	40 CFR Part 60, Subpart Kb	Tank capacity < 75 cubic meters
28TVT#002	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,600 gallons (40 cubic meters)
28TVT#002	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
28TVT#003	N/A	40 CFR Part 60, Subpart K	Tank capacity < 40,000 gallons
28TVT#003	N/A	40 CFR Part 60, Subpart Ka	Tank capacity < 40,000 gallons
28TVT#003	N/A	40 CFR Part 60, Subpart Kb	Tank capacity < 75 cubic meters
28TVT#003	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,600 gallons (40 cubic meters)
28TVT#003	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
28TVT#004	N/A	40 CFR Part 60, Subpart K	Tank capacity < 40,000 gallons
28TVT#004	N/A	40 CFR Part 60, Subpart Ka	Tank capacity < 40,000 gallons
28TVT#004	N/A	40 CFR Part 60, Subpart Kb	Tank capacity < 75 cubic meters
28TVT#004	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,600 gallons (40 cubic meters)
28TVT#004	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
28TVT#005	N/A	40 CFR Part 60, Subpart K	Tank capacity < 40,000 gallons
28TVT#005	N/A	40 CFR Part 60, Subpart Ka	Tank capacity < 40,000 gallons
28TVT#005	N/A	40 CFR Part 60, Subpart Kb	Tank capacity < 75 cubic meters



### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
28TVT#005	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,600 gallons (40 cubic meters)
28TVT#005	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
28VNT_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Vent stream does not contain VOC
28VNT_001	N/A	40 CFR Part 63, Subpart CC	Catalyst regeneration vent, not a miscellaneous process vent
29BLW#002	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
29BLW#002	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
29SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in the Beaumont/Port Arthur area are exempt.
29SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
30BLW#002	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device
30BLW#002	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
30ENG#001	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
30ENG#002	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
30SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt.
30SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before 5/4/87.
30SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream.

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
31TFX#4068	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not store VOC.
31TFX#4068	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
31TFX#4068	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
31TFX#4068	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
31TFX#4068	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel (capacity < 40 cubic meters).
31TFX#4068	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids.
31TFX#4091	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons.
31TFX#4091	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
31TFX#4091	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
31TFX#4091	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
31TFX#4091	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel (capacity < 40 cubic meters).
31TFX#4091	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids.
31TOT#GLYC	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons.
31TOT#GLYC	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
31TOT#GLYC	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
31TOT#GLYC	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
31TOT#GLYC	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel (capacity < 40 cubic meters).
31TOT#GLYC	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids.
32BLW#002	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
32BLW#002	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
32SEW#002	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt.
32SEW#002	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream.
32STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source.
32STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion source, not a process vent.
32TFX#4073	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons
32TFX#4073	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
32TFX#4073	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
32TFX#4073	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
32TFX#4073	N/A	40 CFR Part 63, Subpart EEEE	Tank complies with 40 CFR 63 Subpart CC.
32TFX#4074	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons
32TFX#4074	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
32TFX#4074	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
32TFX#4074	N/A	40 CFR Part 60, Subpart Kb	Capacity > 75 cubic meters and < 151 cubic meters with a TVP < 2.2 kPa.
32TFX#4074	N/A	40 CFR Part 63, Subpart EEEE	Tank complies with 40 CFR 63 Subpart CC.
32TFX#4076	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons
32TFX#4076	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
32TFX#4076	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
32TFX#4076	N/A	40 CFR Part 60, Subpart Kb	Capacity > 75 cubic meters and < 151 cubic meters with a TVP < 2.2 kPa.
32TFX#4076	N/A	40 CFR Part 63, Subpart EEEE	Tank complies with 40 CFR 63 Subpart CC.
32TOX#001	N/A	30 TAC Chapter 117, Subchapter B	Not an applicable 30 TAC Chapter 117 source, per Air RIT R7-201.005.

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
32VNT_005	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Loading operation does not contain VOC
33SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in the Beaumont/Port Arthur area are exempt.
33SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987.
33SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
33VNT_001	N/A	40 CFR Part 63, Subpart CC	Does not contain any HAPs
34SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in the Beaumont/Port Arthur area are exempt.
34SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987.
34SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
36BLW#006	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
36BLW#006	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
36CTL#019	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals
36HTR#002	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel.
36HTR#004	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel.
36HTR#006	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel.
36HTR#007	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel.
36OWS#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
36OWS#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
36SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Petroleum refineries in the Beaumont/Port Arthur area are exempt.
36SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
36SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
36STK_002	N/A	40 CFR Part 63, Subpart CC	Combustion source, not a process vent
36STK_004	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
36STK_004	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a process vent
36STK_006	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a process vent
36STK_007	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a process vent
36TVD#001	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
36TVD#002	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
36TVD#003	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
36TVD#004	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
38CLT#009	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals
44LRA#002	N/A	40 CFR Part 63, Subpart CC	Equipment is not in HAP service
44LRA#010	N/A	40 CFR Part 63, Subpart CC	Equipment is not in HAP service
44TFX#0350	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#0350	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#0350	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#0350	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#0350	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#0410	N/A	40 CFR Part 60, Subpart K	RVP and TVP of product stored < 1.0 psia
44TFX#0410	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#0410	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#0410	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#0410	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#0569	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#0569	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#0569	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#0569	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#0569	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#0570	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#0570	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#0570	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#0570	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#0570	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#0582	N/A	40 CFR Part 60, Subpart K	Modified after May 19, 1978
44TFX#0582	N/A	40 CFR Part 60, Subpart Ka	Modified after July 23, 1984
44TFX#0582	N/A	40 CFR Part 60, Subpart Kb	Capacity greater than 151 cubic meters with TVP < 3.5 kPa
44TFX#0582	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#0582	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#0584	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
44TFX#0584	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 27, 1984
44TFX#0584	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa (0.5 psia)
44TFX#0584	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#0584	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#0585	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
44TFX#0585	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 27, 1984
44TFX#0585	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa (0.5 psia)
44TFX#0585	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#0585	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#0698	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#0698	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#0698	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#0698	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#0698	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#0722	N/A	40 CFR Part 60, Subpart K	Modified after May 19, 1978
44TFX#0722	N/A	40 CFR Part 60, Subpart Ka	Modified after July 23, 1984
44TFX#0722	N/A	40 CFR Part 60, Subpart Kb	Capacity greater than 151 cubic meters with TVP < 3.5 kPa
44TFX#0722	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#0722	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#0748	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#0748	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#0748	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#0748	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#0748	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#0749	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#0749	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#0749	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#0749	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#0749	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#0798	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#0798	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#0798	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#0798	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#0798	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1106	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1106	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1106	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1106	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1106	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1107	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1107	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1107	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1107	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1107	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids



### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#1111	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1111	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1111	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1111	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1111	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1112	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1112	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1112	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1112	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1112	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1118	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1118	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1118	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1118	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1118	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1119	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1119	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1119	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1119	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1119	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1120	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1120	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1120	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#1120	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1120	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1121	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1121	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1121	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1121	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1121	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1130	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1130	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1130	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1130	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1130	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1134	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1134	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1134	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1134	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1134	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1135	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1135	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1135	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1135	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1135	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1136	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#1136	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1136	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1136	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1136	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1154	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1154	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1154	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1154	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1154	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1155	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1155	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1155	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1155	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1155	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1156	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1156	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1156	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1156	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1156	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1168	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1168	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1168	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1168	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#1168	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1169	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1169	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1169	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1169	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1169	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1170	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1170	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1170	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1170	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1170	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1171	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1171	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1171	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1171	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1171	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1172	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1172	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1172	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1172	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1172	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1177	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1177	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#1177	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1177	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1177	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1178	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1178	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1178	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1178	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1178	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1179	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1179	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1179	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1179	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1179	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1180	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1180	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1180	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1180	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1180	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1183	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1183	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1183	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1183	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1183	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#1184	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1184	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1184	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1184	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1184	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1186	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1186	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1186	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1186	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1186	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1187	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1187	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1187	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1187	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1187	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1188	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1188	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1188	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1188	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1188	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1193	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1193	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1193	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#1193	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1193	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1194	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1194	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1194	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1194	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1194	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1197	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1197	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1197	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1197	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1197	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1198	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1198	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1198	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1198	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1198	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1199	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1199	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1199	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1199	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1199	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1200	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#1200	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1200	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1200	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1200	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1201	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1201	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1201	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1201	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1201	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1202	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1202	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1202	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1202	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1202	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1203	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1203	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1203	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1203	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1203	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1204	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1204	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1204	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1204	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service



### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#1204	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1205	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1205	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1205	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1205	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1205	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1224	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1224	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1224	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1224	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1224	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1226	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1226	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1226	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1226	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1226	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1227	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1227	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1227	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1227	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1227	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1262	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1262	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#1262	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1262	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1262	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1264	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1264	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1264	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1264	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1264	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1273	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1273	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1273	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1273	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1273	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1278	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1278	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1278	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1278	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1278	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1279	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1279	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1279	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1279	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1279	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#1280	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1280	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1280	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1280	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1280	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1282	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1282	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1282	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1282	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1282	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1283	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1283	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1283	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1283	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1283	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1285	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1285	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1285	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1285	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1285	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1286	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1286	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1286	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#1286	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1286	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1287	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1287	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1287	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1287	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1287	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1288	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1288	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1288	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1288	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1288	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1289	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1289	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1289	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1289	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1289	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1290	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1290	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1290	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1290	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1290	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1293	N/A	40 CFR Part 60, Subpart K	Constructed prior to March 8, 1974

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#1293	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1293	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1293	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1293	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1328	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1328	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1328	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1328	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1328	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1368	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1368	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1368	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1368	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1368	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1369	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1369	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1369	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1369	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1369	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1370	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1370	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1370	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1370	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#1370	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1371	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#1371	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1371	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1371	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1371	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1382	N/A	40 CFR Part 60, Subpart K	RVP and TVP of product stored < 1.0 psia
44TFX#1382	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1382	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1382	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1382	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1386	N/A	40 CFR Part 60, Subpart K	RVP and TVP of product stored < 1.0 psia
44TFX#1386	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#1386	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1386	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1386	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#1393	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
44TFX#1393	N/A	40 CFR Part 60, Subpart Ka	RVP and TVP of product stored < 1.0 psia
44TFX#1393	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#1393	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#1393	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#2100	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#2100	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#2100	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#2100	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#2100	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#2124	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#2124	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#2124	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#2124	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#2124	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#2125	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#2125	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#2125	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#2125	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#2125	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#2185	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#2185	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#2185	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#2185	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#2185	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#2186	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#2186	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#2186	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#2186	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#2186	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#2198	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#2198	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#2198	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#2198	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#2198	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#2199	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#2199	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#2199	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#2199	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#2199	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#2222	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TFX#2222	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#2222	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#2222	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#2222	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#2234	N/A	40 CFR Part 60, Subpart K	RVP and TVP of product stored < 1.0 psia
44TFX#2234	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TFX#2234	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TFX#2234	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#2234	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#5004	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
44TFX#5004	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
44TFX#5004	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa (0.5 psia)



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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TFX#5004	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#5004	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#5005	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
44TFX#5005	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
44TFX#5005	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa (0.5 psia)
44TFX#5005	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#5005	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#5022	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
44TFX#5022	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
44TFX#5022	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa (0.5 psia)
44TFX#5022	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#5022	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TFX#5023	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 197
44TFX#5023	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
44TFX#5023	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa (0.5 psia)
44TFX#5023	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service
44TFX#5023	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
44TIF#1294	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
44TIF#1294	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TIF#1294	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TIF#1294	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
44TIF#1295	N/A	40 CFR Part 60, Subpart K	Constructed prior to March 8, 1974
44TIF#1295	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
44TIF#1295	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TIF#1295	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
44TIF#1296	N/A	40 CFR Part 60, Subpart K	Constructed prior to March 8, 1974
44TIF#1296	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
44TIF#1296	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
44TIF#1296	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
45STR#001	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use
45TVV#001	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC miscellaneous process vent
47ENG#003	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
47ENG#004	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
47ENG#004	N/A	40 CFR Part 60, Subpart IIII	Manufactured prior to April 1, 2006
47ENG#007	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
47ENG#010	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
47ENG#011	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
47ENG#012	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
47ENG#230	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
47OWS#API	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
47OWS#CPI	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
47OWS#DAF	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont are exempt.
47OWS#DAF	N/A	40 CFR Part 60, Subpart QQQ	This unit was constructed/modified prior to 5/4/1987.
47OWS#DAF	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
47SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont are exempt.
47SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
47SMP#4136	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
47SMP#4136	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
47SMP#4136	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
47SMP#4136	N/A	40 CFR Part 63, Subpart EEEE	Tank complies with 40 CFR 63 Subpart CC
47TEF#1380	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not in VOC service
47TEF#1380	N/A	40 CFR Part 60, Subpart K	Stored product does not meet the definition of a petroleum liquid.
47TEF#1380	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
47TEF#1380	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
47TEF#1380	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service.
47TFX#0415	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not in VOC service.
47TFX#0415	N/A	40 CFR Part 60, Subpart K	Stored product does not meet the definition of a petroleum liquid.
47TFX#0415	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
47TFX#0415	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
47TFX#0415	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service.
47TFX#0415	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
47TFX#0416	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not in VOC service.
47TFX#0416	N/A	40 CFR Part 60, Subpart K	Stored product does not meet the definition of a petroleum liquid.
47TFX#0416	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
47TFX#0416	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
47TFX#0416	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service.
47TFX#0416	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
47TFX#0417	N/A	40 CFR Part 60, Subpart K	Storage capacity is < 40,000 gallons
47TFX#0417	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
47TFX#0417	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
47TFX#0417	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
47TFX#0417	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (< 40 cubic meters)
47TFX#0421	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not in VOC service.
47TFX#0421	N/A	40 CFR Part 60, Subpart K	Stored product does not meet the definition of a petroleum liquid.
47TFX#0421	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
47TFX#0421	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
47TFX#0421	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service.
47TFX#0421	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
47TFX#0432	N/A	40 CFR Part 60, Subpart K	Rule overlap. Group 1 storage tanks subject to the provisions of NSPS K and MACT CC are required only to comply with MACT CC.

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
47TFX#0432	N/A	40 CFR Part 60, Subpart Ka	Rule overlap. Group 1 storage tanks subject to the provisions of NSPS Ka and MACT CC are required only to comply with MACT CC.
47TFX#0432	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
47TFX#0432	N/A	40 CFR Part 63, Subpart EEEE	Tank complies with 40 CFR Part 63 Subpart CC
47TFX#0435	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons
47TFX#0435	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
47TFX#0435	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
47TFX#0435	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
47TFX#0435	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,600 gallons (40 cubic meters)
47TFX#0435	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
47TFX#4096	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
47TFX#4096	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
47TFX#4096	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
47TFX#4096	N/A	40 CFR Part 63, Subpart EEEE	Tank complies with 40 CFR Part 63 Subpart CC
47TFX#4184	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
47TFX#4184	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
47TFX#4184	N/A	40 CFR Part 60, Subpart QQQ	Storage tank is subject to the standards in 40 CFR 60.112b and associated requirements. Additionally, refer to EPA's Applicability Determination Index (Control # 0100058) with respect to this exemption).
47TFX#4184	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
47TIF#0411	N/A	40 CFR Part 60, Subpart K	Rule overlap. Group 1 storage tanks subject to the provisions of NSPS K and MACT CC are required to comply with MACT CC.
47TIF#0411	N/A	40 CFR Part 60, Subpart Ka	Rule overlap. Group 1 storage tanks subject to the provisions of NSPS Ka and MACT CC are required to comply with MACT CC.
47TIF#0411	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
47TIF#0411	N/A	40 CFR Part 63, Subpart EEEE	Tank complies with 40 CFR 63 Subpart CC
47TIF#0412	N/A	40 CFR Part 60, Subpart K	Rule overlap. Group 1 storage tanks subject to the provisions of NSPS K and MACT CC are required to comply with MACT CC.
47TIF#0412	N/A	40 CFR Part 60, Subpart Ka	Rule overlap. Group 1 storage tanks subject to the provisions of NSPS Ka and MACT CC are required to comply with MACT CC.
47TIF#0412	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
47TIF#0412	N/A	40 CFR Part 63, Subpart EEEE	Tank complies with 40 CFR 63 Subpart CC
47TIF#0413	N/A	40 CFR Part 60, Subpart K	Rule overlap. Group 1 storage tanks subject to the provisions of NSPS K and MACT CC are required to comply with MACT CC.
47TIF#0413	N/A	40 CFR Part 60, Subpart Ka	Rule overlap. Group 1 storage tanks subject to the provisions of NSPS Ka and MACT CC are required to comply with MACT CC.
47TIF#0413	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
47TIF#0413	N/A	40 CFR Part 63, Subpart EEEE	Tank complies with 40 CFR 63 Subpart CC
47TIF#1313	N/A	40 CFR Part 60, Subpart K	Tank constructed prior to 1973.
47TIF#1313	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
47TIF#1313	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
47TIF#1313	N/A	40 CFR Part 63, Subpart EEEE	Tank complies with 40 CFR 63 Subpart CC
47TIF#4001	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
47TIF#4001	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
47TIF#4001	N/A	40 CFR Part 63, Subpart EEEE	Tank does not meet the definition of a storage tank. Stores wastewater.
47TOT#1379	N/A	30 TAC Chapter 115, Storage of VOCs	Tank is not in VOC service.
47TOT#1379	N/A	40 CFR Part 60, Subpart K	Stored product does not meet the definition of a petroleum liquid.
47TOT#1379	N/A	40 CFR Part 60, Subpart Ka	Stored product does not meet the definition of a petroleum liquid
47TOT#1379	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
47TOT#1379	N/A	40 CFR Part 63, Subpart CC	Tank is not in HAP service.
47TOT#1379	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
48SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
48SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
48TEF#0713	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#0713	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TEF#0713	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#0713	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#0713	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#0713	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
48TEF#0713	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#0713	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1151	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1151	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TEF#1151	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1151	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1151	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#1151	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1151	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#1151	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1158	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1158	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TEF#1158	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1158	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1158	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#1158	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1158	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#1158	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1165	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1165	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TEF#1165	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1165	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
48TEF#1165	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1165	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#1165	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1212	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1212	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TEF#1212	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1212	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1212	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#1212	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1212	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#1212	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1251	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1251	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TEF#1251	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1251	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1251	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#1251	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1251	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#1251	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1300	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1300	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
48TEF#1300	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1300	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1300	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#1300	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1300	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#1300	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1324	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1324	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TEF#1324	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1324	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1324	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#1324	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1324	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#1324	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1325	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1325	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TEF#1325	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1325	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1325	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#1325	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1325	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
48TEF#1325	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1329	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1329	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TEF#1329	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1329	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1329	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#1329	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1329	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#1329	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1337	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1337	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TEF#1337	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1337	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1337	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#1337	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1337	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#1337	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1349	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1349	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TEF#1349	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1349	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1349	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
48TEF#1349	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1349	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#1349	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1350	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1350	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TEF#1350	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1350	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1350	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#1350	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1350	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#1350	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1351	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1351	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TEF#1351	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1351	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1351	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#1351	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1351	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#1351	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1362	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1362	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
48TEF#1362	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1362	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1362	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#1362	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1362	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#1362	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1365	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1365	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TEF#1365	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1365	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1365	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#1365	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1365	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#1365	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1366	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TEF#1366	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TEF#1366	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1366	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1366	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#1366	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1366	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
48TEF#1366	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TEF#1389	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978; MACT CC Group 1 storage storage vessel rule overlap, required to comply with MACTCC only
48TEF#1389	N/A	40 CFR Part 60, Subpart Ka	MACT CC Group 1 storage vessel rule overlap, required to comply with MACT CC only
48TEF#1389	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TEF#1389	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TEF#1389	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TEF#1389	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TEF#1389	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TEF#1389	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TFX#0392	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TFX#0392	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TFX#0392	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TFX#0392	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TFX#0392	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TFX#0392	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TFX#0392	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TFX#0392	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TFX#0393	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TFX#0393	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
48TFX#0393	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TFX#0393	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TFX#0393	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TFX#0393	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TFX#0393	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TFX#0393	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TFX#0394	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TFX#0394	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TFX#0394	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TFX#0394	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TFX#0394	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TFX#0394	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TFX#0394	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TFX#0394	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TFX#0395	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TFX#0395	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TFX#0395	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TFX#0395	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TFX#0395	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TFX#0395	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TFX#0395	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
48TFX#0395	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TFX#0499	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TFX#0499	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TFX#0499	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TFX#0499	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TFX#0499	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TFX#0499	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TFX#0499	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TFX#0499	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TFX#1256	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TFX#1256	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TFX#1256	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TFX#1256	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TFX#1256	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TFX#1256	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TFX#1256	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TFX#1256	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TFX#1257	N/A	30 TAC Chapter 115, Storage of VOCs	TVP of product stored < 1.5 psia
48TFX#1257	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TFX#1257	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TFX#1257	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TFX#1257	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
48TFX#1257	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TFX#1257	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TFX#1257	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TFX#1257	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TIF#0702	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TIF#0702	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TIF#0702	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TIF#0702	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TIF#0702	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TIF#0702	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TIF#0702	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TIF#0702	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TIF#1000	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TIF#1000	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TIF#1000	N/A	40 CFR Part 60, Subpart Kb	Tank does not store a petroleum liquid
48TIF#1000	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TIF#1000	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TIF#1000	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TIF#1000	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TIF#1000	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TIF#1334	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
48TIF#1334	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TIF#1334	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TIF#1334	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TIF#1338	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TIF#1338	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TIF#1338	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TIF#1338	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TIF#1338	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TIF#1338	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TIF#1338	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TIF#1361	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
48TIF#1361	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
48TIF#1361	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
48TIF#1361	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TIF#1361	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TIF#1361	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TIF#1361	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TIF#1361	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TIF#1390	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978; MACT CC Group 1 storage vessel rule overlap, required to comply with MACT CC only

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
48TIF#1390	N/A	40 CFR Part 60, Subpart Ka	MACT CC Group 1 storage vessel rule overlap, required to comply with MACT CC only
48TIF#1390	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
48TIF#1390	N/A	40 CFR Part 61, Subpart FF	Does not contain benzene-containing waste
48TIF#1390	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TIF#1390	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TIF#1390	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TIF#5016	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
48TIF#5016	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
48TIF#5016	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TIF#5016	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TIF#5016	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC.
48TIF#5016	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
48TIF#5026	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
48TIF#5026	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
48TIF#5026	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
48TIF#5026	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
48TIF#5026	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
48TIF#5026	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49ENG#001	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49ENG#001	N/A	40 CFR Part 60, Subpart IIII	Manufactured prior to April 1, 2006
49SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
49SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
49TEF#0590	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TEF#0590	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TEF#0590	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TEF#0590	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TEF#0590	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TEF#0590	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TEF#0590	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TEF#0718	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TEF#0718	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TEF#0718	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TEF#0718	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TEF#0718	N/A	40 CFR Part 61, Subpart FF	Does not store benzene containing waste
49TEF#0718	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TEF#0718	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TEF#0718	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TEF#1215	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TEF#1215	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TEF#1215	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TEF#1215	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TEF#1215	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TEF#1215	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TEF#1215	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TEF#1284	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TEF#1284	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TEF#1284	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TEF#1284	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TEF#1284	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TEF#1284	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TEF#1284	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TEF#1284	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TEF#1314	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TEF#1314	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TEF#1314	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TEF#1314	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TEF#1335	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TEF#1335	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TEF#1335	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TEF#1335	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TEF#1335	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TEF#1335	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TEF#1352	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TEF#1352	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TEF#1352	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TEF#1352	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TEF#1352	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TEF#1352	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TEF#1352	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TEF#1352	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TEF#1377	N/A	40 CFR Part 60, Subpart K	MACT CC Group 1 storage vessel rule overlap, required to comply with MACT CC only
49TEF#1377	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978; MACT CC Group 1 storage vessel rule overlap, required to comply with MACT CC only
49TEF#1377	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TEF#1377	N/A	40 CFR Part 60, Subpart QQQ	Constructed prior to May 4, 1987
49TEF#1377	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TEF#1377	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TEF#1377	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TEF#1378	N/A	40 CFR Part 60, Subpart K	Tank was reconstructed after May 19, 1978
49TEF#1378	N/A	40 CFR Part 60, Subpart Ka	Tank was reconstructed after July 23, 1984
49TEF#1378	N/A	40 CFR Part 60, Subpart QQQ	Storage tank is not an oil/water separator
49TEF#1378	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TEF#1378	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TEF#1378	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TEF#1381	N/A	40 CFR Part 60, Subpart K	MACT CC Group 1 storage vessel rule overlap, required to comply with MACT CC only
49TEF#1381	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978; MACT CC Group 1 storage vessel rule overlap, required to comply with MACT CC only
49TEF#1381	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TEF#1381	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TEF#1381	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TEF#1381	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TEF#1381	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TEF#5013	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
49TEF#5013	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
49TEF#5013	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator
49TEF#5013	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TEF#5013	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TEF#5013	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TEF#5015	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
49TEF#5015	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1974
49TEF#5015	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator
49TEF#5015	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TEF#5015	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TEF#5015	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TEF#5015	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TEF#5021	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
49TEF#5021	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
49TEF#5021	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TEF#5021	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC.
49TEF#5021	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TEF#5024	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TEF#5024	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TEF#5024	N/A	40 CFR Part 60, Subpart QQQ	Rule overlap, complying with MACT CC
49TEF#5024	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TEF#5024	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TEF#5024	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TEF#5027	N/A	40 CFR Part 60, Subpart K	Constructed post May 18, 1978
49TEF#5027	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984



### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TEF#5027	N/A	40 CFR Part 60, Subpart QQQ	Storage tank does not contact or store oily wastewater
49TEF#5027	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TEF#5027	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TEF#5027	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TEF#5027	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#002	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1000 gallons
49TFX#002	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
49TFX#002	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
49TFX#002	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
49TFX#002	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
49TFX#002	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
49TFX#0331	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#0331	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#0331	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#0331	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#0331	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#0331	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#0331	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#0331	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#0333	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#0333	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#0333	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#0333	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#0333	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#0333	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#0333	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#0333	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#0334	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#0334	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#0334	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#0334	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#0334	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#0334	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#0334	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#0334	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#0593	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#0593	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to July 23, 1984
49TFX#0593	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#0593	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#0593	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#0593	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#0593	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#0593	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#0700	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#0700	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#0700	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#0700	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#0700	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#0700	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#0700	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#0700	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#0705	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#0705	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#0705	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#0705	N/A	40 CFR Part 60, Subpart QQQ	Constructed prior to May 4, 1987
49TFX#0705	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#0705	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#0705	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#0705	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#0754	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#0754	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#0754	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#0754	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#0754	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#0754	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#0754	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#0754	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#0759	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#0759	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#0759	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#0759	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#0759	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#0759	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#0759	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#0759	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#0764	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#0764	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#0764	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#0764	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#0764	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#0764	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#0764	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#0764	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#0765	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#0765	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#0765	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#0765	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#0765	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#0765	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#0765	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#0765	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#0766	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#0766	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#0766	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#0766	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#0766	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#0766	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#0766	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#0766	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#1143	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#1143	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#1143	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#1143	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#1143	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#1143	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#1143	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#1143	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#1144	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#1144	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#1144	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#1144	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#1144	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#1144	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#1144	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#1144	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#1145	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#1145	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#1145	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#1145	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#1145	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#1145	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#1145	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#1145	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#1222	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#1222	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#1222	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#1222	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#1222	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#1222	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#1222	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#1222	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#1228	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#1228	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#1228	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#1228	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#1228	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#1228	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#1228	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#1228	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#1238	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#1238	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#1238	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#1238	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#1238	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#1238	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#1238	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#1238	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#1239	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#1239	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#1239	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#1239	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#1239	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#1239	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#1239	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#1239	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#1260	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#1260	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#1260	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#1260	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#1260	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#1260	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#1260	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#1260	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#1265	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#1265	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#1265	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#1265	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#1265	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#1265	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#1265	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#1265	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#1359	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#1359	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#1359	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#1359	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#1359	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#1359	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#1359	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#1359	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#1367	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#1367	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#1367	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#1367	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#1367	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#1367	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#1367	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#1367	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#1391	N/A	40 CFR Part 60, Subpart K	MACT CC Rule overlap, Group 2 storage vessel required to comply only with MACT CC
49TFX#1391	N/A	40 CFR Part 60, Subpart Ka	MACT CC Rule overlap, Group 2 storage vessel required to comply only with MACT CC
49TFX#1391	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#1391	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#1391	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#1391	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#1391	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#1391	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#1700	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
49TFX#1700	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
49TFX#1700	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa
49TFX#1700	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#1700	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#1700	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#1700	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#1700	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#4198	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1000 gallons
49TFX#4198	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
49TFX#4198	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
49TFX#4198	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
49TFX#4198	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#4198	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#4198	N/A	40 CFR Part 63, Subpart CC	Capacity < 40 cubic meters (not a MACT CC storage vessel by definition)

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#4198	N/A	40 CFR Part 63, Subpart EEEE	Stores gasoline (not an organic liquid by definition)
49TFX#4198	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#5002	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
49TFX#5002	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
49TFX#5002	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa
49TFX#5002	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator
49TFX#5002	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#5002	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#5002	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#5002	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#5003	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
49TFX#5003	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
49TFX#5003	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa
49TFX#5003	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator
49TFX#5003	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#5003	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#5003	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#5003	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#5006	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
49TFX#5006	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
49TFX#5006	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#5006	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator
49TFX#5006	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#5006	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#5006	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#5006	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#5007	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
49TFX#5007	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
49TFX#5007	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa
49TFX#5007	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator
49TFX#5007	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#5007	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#5007	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#5007	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#5009	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
49TFX#5009	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
49TFX#5009	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa
49TFX#5009	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator
49TFX#5009	N/A	40 CFR Part 61, Subpart FF	Does not store industrial or refined grade benzene
49TFX#5009	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#5009	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#5009	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#5010	N/A	40 CFR Part 60, Subpart K	Constructed after July 23, 1984
49TFX#5010	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
49TFX#5010	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa
49TFX#5010	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator
49TFX#5010	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#5010	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#5010	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#5010	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#5011	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
49TFX#5011	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
49TFX#5011	N/A	40 CFR Part 60, Subpart Kb	Capacity > 151 cubic meters with a TVP < 3.5 kPa
49TFX#5011	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator
49TFX#5011	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#5011	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#5011	N/A	40 CFR Part 63, Subpart CC	Does not store HAPs
49TFX#5011	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids (< 5% HAPS)
49TFX#5011	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#5012	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
49TFX#5012	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#5012	N/A	40 CFR Part 60, Subpart Kb	Capacity > 151 cubic meters with a TVP < 3.5 kPa
49TFX#5012	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator
49TFX#5012	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#5012	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#5012	N/A	40 CFR Part 63, Subpart CC	Does not store HAPs
49TFX#5012	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids (< 5% HAPS)
49TFX#5012	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#5014	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
49TFX#5014	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
49TFX#5014	N/A	40 CFR Part 60, Subpart Kb	Capacity > 151 cubic meters with a TVP < 3.5 kPa
49TFX#5014	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator
49TFX#5014	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#5014	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#5014	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#5014	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#5017	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
49TFX#5017	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
49TFX#5017	N/A	40 CFR Part 60, Subpart Kb	Capacity > 151 cubic meters with a TVP < 3.5 kPa
49TFX#5017	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#5017	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#5017	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#5017	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#5017	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#5018	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
49TFX#5018	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
49TFX#5018	N/A	40 CFR Part 60, Subpart Kb	Capacity > 151 cubic meters with TVP < 3.5 kPa.
49TFX#5018	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#5018	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#5018	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC.
49TFX#5018	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#5025	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TFX#5025	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TFX#5025	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TFX#5025	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TFX#5025	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#5025	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#5025	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#5025	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#5028	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#5028	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
49TFX#5028	N/A	40 CFR Part 60, Subpart Kb	TVP of product stored < 3.5 kPa (0.5 psia)
49TFX#5028	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TFX#T100	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
49TFX#T100	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
49TFX#T100	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
49TFX#T100	N/A	40 CFR Part 60, Subpart QQQ	Not an oil / water separator
49TFX#T100	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
49TFX#T100	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#T100	N/A	40 CFR Part 63, Subpart CC	Capacity < 40 cubic meters (not a MACT CC storage vessel by definition)
49TFX#T100	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids (< 5% HAPS)
49TFX#T100	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#WRR1	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity < 1,000 gallons
49TFX#WRR1	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
49TFX#WRR1	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
49TFX#WRR1	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
49TFX#WRR1	N/A	40 CFR Part 60, Subpart QQQ	Not an oil / water separator
49TFX#WRR1	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#WRR1	N/A	40 CFR Part 63, Subpart CC	Capacity < 40 cubic meters (not a MACT CC storage vessel by definition)



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#WRR1	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids (< 5% HAPS)
49TFX#WRR1	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#WRR2	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity < 1,000 gallons
49TFX#WRR2	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
49TFX#WRR2	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
49TFX#WRR2	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
49TFX#WRR2	N/A	40 CFR Part 60, Subpart QQQ	Not an oil / water separator
49TFX#WRR2	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#WRR2	N/A	40 CFR Part 63, Subpart CC	Capacity < 40 cubic meters (not a MACT CC storage vessel by definition)
49TFX#WRR2	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids (< 5% HAPS)
49TFX#WRR2	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#WRR3	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity < 1,000 gallons
49TFX#WRR3	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
49TFX#WRR3	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
49TFX#WRR3	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
49TFX#WRR3	N/A	40 CFR Part 60, Subpart QQQ	Not an oil / water separator
49TFX#WRR3	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#WRR3	N/A	40 CFR Part 63, Subpart CC	Capacity < 40 cubic meters (not a MACT CC storage vessel by definition)

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TFX#WRR3	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids (< 5% HAPS)
49TFX#WRR3	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TFX#WRR4	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity < 1,000 gallons
49TFX#WRR4	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
49TFX#WRR4	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
49TFX#WRR4	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
49TFX#WRR4	N/A	40 CFR Part 60, Subpart QQQ	Not an oil / water separator
49TFX#WRR4	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TFX#WRR4	N/A	40 CFR Part 63, Subpart CC	Capacity < 40 cubic meters (not a MACT CC storage vessel by definition)
49TFX#WRR4	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids (< 5% HAPS)
49TFX#WRR4	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TIF#0594	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TIF#0594	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
49TIF#0594	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TIF#0594	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TIF#0594	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TIF#0594	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TIF#0594	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
49TIF#1269	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
49TIF#1269	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
49TIF#1269	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
49TIF#1269	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
49TIF#1269	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
49TIF#1269	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
49TIF#1269	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50BLW#010	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
50BLW#010	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
50SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Petroleum refineries in Beaumont/Port Arthur are exempt
50SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
50TEF#1375	N/A	40 CFR Part 60, Subpart K	Does not store petroleum liquids
50TEF#1375	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TEF#1375	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TEF#1375	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TEF#1375	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TEF#2209	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TEF#2209	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TEF#2209	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TEF#2209	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TEF#2209	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TEF#2209	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TEF#2209	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TEF#2209	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TEF#2210	N/A	40 CFR Part 60, Subpart K	Reconstructed post May 18, 1978
50TEF#2210	N/A	40 CFR Part 60, Subpart Ka	Constructed post July 23, 1984
50TEF#2210	N/A	40 CFR Part 60, Subpart QQQ	Tank is not an oil/water separator
50TEF#2210	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TEF#2210	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TEF#2210	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TEF#2210	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TEF#2211	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TEF#2211	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TEF#2211	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TEF#2211	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TEF#2211	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TEF#2211	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TEF#2211	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TEF#2211	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TEF#2212	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TEF#2212	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TEF#2212	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TEF#2212	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TEF#2212	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TEF#2212	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TEF#2212	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TEF#2212	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TEF#2213	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TEF#2213	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TEF#2213	N/A	40 CFR Part 60, Subpart QQQ	Constructed prior to July 23, 1984
50TEF#2213	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TEF#2213	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TEF#2213	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TEF#2213	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TEF#2223	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TEF#2223	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TEF#2223	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TEF#2223	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TEF#2223	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TEF#2223	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TEF#2223	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TEF#2223	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TEF#2225	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TEF#2225	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TEF#2225	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TEF#2225	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TEF#2225	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TEF#2225	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TEF#2225	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TEF#2225	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TEF#2228	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TEF#2228	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TEF#2228	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TEF#2228	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TEF#2228	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TEF#2228	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TEF#2228	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TEF#2228	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TEF#2235	N/A	40 CFR Part 60, Subpart K	Constructed post May 18, 1978; MACT CC Group 1 storage vessel rule overlap, required to comply with MACT CC only
50TEF#2235	N/A	40 CFR Part 60, Subpart Ka	MACT CC Group 1 storage vessel rule overlap, required to comply with MACT CC only
50TEF#2235	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TEF#2235	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TEF#2235	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TEF#2235	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TEF#2236	N/A	40 CFR Part 60, Subpart K	Constructed post May 18, 1978; MACT CC Group 1 storage vessel rule overlap, required to comply with MACT CC only
50TEF#2236	N/A	40 CFR Part 60, Subpart Ka	MACT CC Group 1 storage vessel rule overlap, required to comply with MACT CC only
50TEF#2236	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TEF#2236	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TEF#2236	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TEF#2236	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TEF#2236	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TEF#2236	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TEF#2237	N/A	40 CFR Part 60, Subpart K	Constructed post May 18, 1978; MACT CC Group 1 storage vessel rule overlap, required to comply with MACT CC only
50TEF#2237	N/A	40 CFR Part 60, Subpart Ka	MACT CC Group 1 storage vessel rule overlap, required to comply with MACT CC only
50TEF#2237	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TEF#2237	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TEF#2237	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TEF#2237	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TEF#2238	N/A	40 CFR Part 60, Subpart K	Constructed post May 18, 1978; MACT CC Group 1 storage vessel rule overlap, required to comply with MACT CC only
50TEF#2238	N/A	40 CFR Part 60, Subpart Ka	MACT CC Group 1 storage vessel rule overlap, required to comply with MACT CC only
50TEF#2238	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TEF#2238	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TEF#2238	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TEF#2238	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TEF#2238	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TEF#2239	N/A	40 CFR Part 60, Subpart K	Constructed post June 11, 1978
50TEF#2239	N/A	40 CFR Part 60, Subpart Ka	Reconstructed after July 23, 1984
50TEF#2239	N/A	40 CFR Part 60, Subpart QQQ	Not an affected facility. Does not meet the definition of an oil-water separator (does not store oily wastewater)
50TEF#2239	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TEF#2239	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TEF#2239	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TEF#2239	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TEF#5008	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
50TEF#5008	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
50TEF#5008	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator



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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TEF#5008	N/A	40 CFR Part 61, Subpart FF	Does not store benzene containing waste
50TEF#5008	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refinery grade benzene
50TEF#5008	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TEF#5008	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TEF#5038	N/A	40 CFR Part 60, Subpart K	Constructed after May 19, 1978
50TEF#5038	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
50TEF#5038	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator
50TEF#5038	N/A	40 CFR Part 61, Subpart FF	Does not store benzene containing waste
50TEF#5038	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refinery grade benzene
50TEF#5038	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TFX#0332	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TFX#0332	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TFX#0332	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TFX#0332	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TFX#0332	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TFX#0332	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TFX#0332	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TFX#0332	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TFX#0357	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons
50TFX#0357	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
50TFX#0357	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TFX#0357	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
50TFX#0357	N/A	40 CFR Part 60, Subpart QQQ	Not an oil / water separator
50TFX#0357	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TFX#0357	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TFX#0357	N/A	40 CFR Part 63, Subpart CC	Does not store any HAPS
50TFX#0357	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
50TFX#0357	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TFX#0358	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons
50TFX#0358	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
50TFX#0358	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
50TFX#0358	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
50TFX#0358	N/A	40 CFR Part 60, Subpart QQQ	Not an oil / water separator
50TFX#0358	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TFX#0358	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TFX#0358	N/A	40 CFR Part 63, Subpart CC	Does not store any HAPS
50TFX#0358	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
50TFX#0358	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TFX#0359	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons
50TFX#0359	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
50TFX#0359	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
50TFX#0359	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
50TFX#0359	N/A	40 CFR Part 60, Subpart QQQ	Not an oil / water separator

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TFX#0359	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TFX#0359	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TFX#0359	N/A	40 CFR Part 63, Subpart CC	Does not store any HAPS
50TFX#0359	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
50TFX#0359	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TFX#0363	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid
50TFX#0363	N/A	40 CFR Part 60, Subpart Ka	Does not store a petroleum liquid
50TFX#0363	N/A	40 CFR Part 60, Subpart Kb	Does not store a volatile organic liquid
50TFX#0363	N/A	40 CFR Part 60, Subpart QQQ	Not an oil / water separator
50TFX#0363	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TFX#0363	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TFX#0363	N/A	40 CFR Part 63, Subpart CC	Does not store any HAPS
50TFX#0363	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
50TFX#0363	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TFX#0491	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TFX#0491	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TFX#0491	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TFX#0491	N/A	40 CFR Part 60, Subpart QQQ	Not an oil / water separator
50TFX#0491	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TFX#0491	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TFX#0491	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TFX#0491	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TFX#2136	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TFX#2136	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TFX#2136	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TFX#2136	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TFX#2136	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TFX#2136	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TFX#2136	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TFX#2136	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TFX#2206	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TFX#2206	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TFX#2206	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TFX#2206	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TFX#2206	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TFX#2206	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TFX#2206	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TFX#2206	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TFX#2207	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TFX#2207	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TFX#2207	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TFX#2207	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TFX#2207	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste

### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TFX#2207	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TFX#2207	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TFX#2207	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TIF#2133	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TIF#2133	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TIF#2133	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TIF#2133	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TIF#2133	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TIF#2133	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TIF#2133	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TIF#2133	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TIF#2134	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TIF#2134	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TIF#2134	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TIF#2134	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TIF#2134	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TIF#2134	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TIF#2134	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TIF#2134	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TIF#2203	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TIF#2203	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TIF#2203	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TIF#2203	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TIF#2203	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TIF#2203	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TIF#2203	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TIF#2214	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TIF#2214	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TIF#2214	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TIF#2214	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TIF#2214	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TIF#2214	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TIF#2214	N/A	40 CFR Part 63, Subpart EEEE	Rule overlap. Tank complies with MACT CC
50TIF#2214	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TPR#2230	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TPR#2230	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TPR#2230	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TPR#2230	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TPR#2230	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TPR#2230	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TPR#2230	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TPR#2230	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TPR#2230	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TPR#2231	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TPR#2231	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TPR#2231	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TPR#2231	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TPR#2231	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TPR#2231	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TPR#2231	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TPR#2231	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TPR#2231	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TPR#2232	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TPR#2232	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TPR#2232	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TPR#2232	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TPR#2232	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TPR#2232	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TPR#2232	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TPR#2232	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TPR#2232	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TSP#2140	N/A	40 CFR Part 60, Subpart K	Constructed post May 18, 1978
50TSP#2140	N/A	40 CFR Part 60, Subpart Ka	Constructed post July 23, 1984
50TSP#2140	N/A	40 CFR Part 60, Subpart Kb	Pressure vessels designed to operate in excess of 204.9 kPa and without emissions to the atmosphere
50TSP#2140	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator
50TSP#2140	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TSP#2140	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TSP#2140	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2140	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2140	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TSP#2142	N/A	40 CFR Part 60, Subpart K	Constructed post May 18, 1978
50TSP#2142	N/A	40 CFR Part 60, Subpart Ka	Constructed post July 23, 1984
50TSP#2142	N/A	40 CFR Part 60, Subpart Kb	Pressure vessels designed to operate in excess of 204.9 kPa and without emissions to the atmosphere
50TSP#2142	N/A	40 CFR Part 60, Subpart QQQ	Not an oil-water separator
50TSP#2142	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TSP#2142	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TSP#2142	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2142	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2142	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TSP#2154	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TSP#2154	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TSP#2154	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TSP#2154	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TSP#2154	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TSP#2154	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TSP#2154	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2154	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2154	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TSP#2155	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TSP#2155	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TSP#2155	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TSP#2155	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TSP#2155	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TSP#2155	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TSP#2155	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2155	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2155	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TSP#2159	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TSP#2159	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TSP#2159	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TSP#2159	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TSP#2159	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TSP#2159	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TSP#2159	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2159	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2159	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TSP#2170	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TSP#2170	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TSP#2170	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TSP#2170	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TSP#2170	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TSP#2170	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TSP#2170	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2170	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2170	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TSP#2171	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TSP#2171	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TSP#2171	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TSP#2171	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TSP#2171	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TSP#2171	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TSP#2171	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2171	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2171	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TSP#2172	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TSP#2172	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TSP#2172	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TSP#2172	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TSP#2172	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TSP#2172	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TSP#2172	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2172	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2172	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TSP#2216	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TSP#2216	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TSP#2216	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TSP#2216	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TSP#2216	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TSP#2216	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TSP#2216	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2216	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2216	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TSP#2217	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TSP#2217	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TSP#2217	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TSP#2217	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TSP#2217	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TSP#2217	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TSP#2217	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2217	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2217	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TSP#2218	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TSP#2218	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TSP#2218	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TSP#2218	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TSP#2218	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TSP#2218	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TSP#2218	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2218	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2218	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TSP#2219	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TSP#2219	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TSP#2219	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TSP#2219	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TSP#2219	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TSP#2219	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TSP#2219	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2219	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2219	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TSP#2220	N/A	40 CFR Part 60, Subpart K	Constructed prior to June 11, 1973
50TSP#2220	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TSP#2220	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TSP#2220	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
50TSP#2220	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TSP#2220	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TSP#2220	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2220	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2220	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
50TSP#2233	N/A	40 CFR Part 60, Subpart K	Pressure vessel operating above 15 psig without emissions to the atmosphere under normal conditions
50TSP#2233	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to May 18, 1978
50TSP#2233	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to July 23, 1984
50TSP#2233	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
50TSP#2233	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
50TSP#2233	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
50TSP#2233	N/A	40 CFR Part 63, Subpart CC	Not a MACT CC storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2233	N/A	40 CFR Part 63, Subpart EEEE	Not a MACT EEEE storage vessel by definition (designed to operate in excess of 204.9 kPa)
50TSP#2233	N/A	40 CFR Part 63, Subpart OO	Subpart OO not referenced
51PON#SIB	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont are exempt.
51PON#SIB	N/A	40 CFR Part 60, Subpart QQQ	This unit was constructed/modified prior to 5/4/1987.
51PON#SIB	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
51TVT#311D	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons
51TVT#311D	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
51TVT#311D	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
51TVT#311D	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
51TVT#311D	N/A	40 CFR Part 63, Subpart CC	Fuel tank, not a process unit tank.
51TVT#311D	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic fuels
52LBS#001	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Marine vessel loading/unloading in areas other than Galveston/Houston are exempt
52SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont are exempt
52SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
52SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
53LBS#001	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Marine vessel loading/unloading in areas other than Galveston/Houston are exempt
53SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont are exempt
53SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
53SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
54LBS#001	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Marine vessel loading/unloading in areas other than Galveston/Houston are exempt
54SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont are exempt
54SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
54SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
55BLW#007	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
55BLW#007	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
55BLW#010	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
55BLW#010	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
55BRN#HRSG	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
55BRN#HRSG	N/A	30 TAC Chapter 117, Subchapter B	New unit placed in service after 11/15/92
55SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont are exempt.
55SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987.
55SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream



### Permit Shield

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ID No.	Group/Inclusive Units	Regulation	Basis of Determination
55STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
55STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion source not a process vent
55TRB#GTG	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
55TRB#GTG	N/A	30 TAC Chapter 117, Subchapter B	New unit placed in service after 11/15/92
56BLR#025	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
56BLR#025	N/A	30 TAC Chapter 117, Subchapter B	New unit placed in service after 11/15/92
56BLR#026	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
56BLR#026	N/A	30 TAC Chapter 117, Subchapter B	New unit placed in service after 11/15/92
56BLW#007	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
56BLW#007	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
56CTL#034	N/A	40 CFR Part 63, Subpart CC	Heat exchange system is not in organic HAP service (5% HAPs by definition)
56CTL#034	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals
56CTL#027	N/A	40 CFR Part 63, Subpart Q	No chromium used on or after September 4, 1994
56SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont are exempt.
56SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987.
56SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
56STK_025	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
56STK_025	N/A	40 CFR Part 63, Subpart CC	Combustion source not a process vent
56STK_026	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
56STK_026	N/A	40 CFR Part 63, Subpart CC	Combustion source not a process vent
56TFX#5048	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not store VOC
56TFX#5048	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquids
56TFX#5048	N/A	40 CFR Part 60, Subpart Ka	Tank does not store petroleum liquids
56TFX#5048	N/A	40 CFR Part 60, Subpart Kb	Tank does not store volatile organic liquids
56TFX#5048	N/A	40 CFR Part 63, Subpart CC	Tank does not store HAPs
56TFX#5048	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
57BLR#033	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
57BLR#033	N/A	40 CFR Part 60, Subpart D	Unit constructed prior to 1971.
57BLR#034	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
57BLR#034	N/A	40 CFR Part 60, Subpart D	Unit constructed prior to 1971.
57SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont are exempt.
57SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987.
57SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
57STK_033	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
57STK_033	N/A	40 CFR Part 63, Subpart CC	Combustion source not a process vent
57STK_034	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
57STK_034	N/A	40 CFR Part 63, Subpart CC	Combustion source not a process vent
58ENG#0615	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
58ENG#0615	N/A	40 CFR Part 60, Subpart IIII	Engine was constructed prior to July 11, 2005.
58ENG#0615	N/A	40 CFR Part 63, Subpart ZZZZ	Existing stationary RICE and rated greater than 500 hp at a major source of HAPs.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
58ENG#0644	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in BPA are exempt
58ENG#0644	N/A	40 CFR Part 60, Subpart IIII	Engine was constructed prior to July 11, 2005.
58ENG#0644	N/A	40 CFR Part 63, Subpart ZZZZ	Existing stationary RICE and rated greater than 500 hp a major source of HAPs.
58ENG#0646	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
58ENG#0646	N/A	40 CFR Part 60, Subpart IIII	Engine was constructed prior to July 11, 2005.
58ENG#0646	N/A	40 CFR Part 63, Subpart ZZZZ	Existing stationary RICE and rated greater than 500 hp a major source of HAPs.
58TVT#612D	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1000 gallons.
58TVT#612D	N/A	40 CFR Part 60, Subpart K	Constructed before 6/11/73.
58TVT#612D	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to 5/18/1978.
58TVT#612D	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to 7/23/1984.
58TVT#612D	N/A	40 CFR Part 63, Subpart CC	Not a petroleum refining process unit.
58TVT#612D	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids.
58TVT#613D	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1000 gallons.
58TVT#613D	N/A	40 CFR Part 60, Subpart K	Constructed before 6/11/73.
58TVT#613D	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to 5/18/1978.
58TVT#613D	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to 7/23/1984.
58TVT#613D	N/A	40 CFR Part 63, Subpart CC	Not a petroleum refining process unit.
58TVT#613D	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids.
58TVT#614D	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1000 gallons.
58TVT#614D	N/A	40 CFR Part 60, Subpart K	Constructed before 6/11/73.
58TVT#614D	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to 5/18/1978.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
58TVT#614D	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to 7/23/1984.
58TVT#614D	N/A	40 CFR Part 63, Subpart CC	Not a petroleum refining process unit.
58TVT#614D	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids.
58TVT#615D	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1000 gallons.
58TVT#615D	N/A	40 CFR Part 60, Subpart K	Constructed before 6/11/73.
58TVT#615D	N/A	40 CFR Part 60, Subpart Ka	Constructed prior to 5/18/1978.
58TVT#615D	N/A	40 CFR Part 60, Subpart Kb	Constructed prior to 7/23/1984.
58TVT#615D	N/A	40 CFR Part 63, Subpart CC	Not a petroleum refining process unit.
58TVT#615D	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids.
58TVT#644D	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1000 gallons.
58TVT#644D	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
58TVT#644D	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
58TVT#644D	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
58TVT#644D	N/A	40 CFR Part 63, Subpart CC	Not a petroleum refining process unit.
58TVT#644D	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids.
58TVT#646D	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1000 gallons.
58TVT#646D	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
58TVT#646D	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
58TVT#646D	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
58TVT#646D	N/A	40 CFR Part 63, Subpart CC	Not a petroleum refining process unit.
58TVT#646D	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids.
59CTL#024	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
59SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont are exempt.
59SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
59SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
60FLR#001	N/A	30 TAC Chapter 117, Subchapter B	Not an applicable 30 TAC Chapter 117 source, per Air RIT R7-201.005.
60FLR#001	N/A	40 CFR Part 63, Subpart A	Control device is not used to comply with any MACT
60FLR#002	N/A	30 TAC Chapter 117, Subchapter B	Not an applicable 30 TAC Chapter 117 source, per Air RIT R7-201.005.
60FLR#003	N/A	30 TAC Chapter 117, Subchapter B	Not an applicable 30 TAC Chapter 117 source, per Air RIT R7-201.005.
60FLR#003	N/A	40 CFR Part 63, Subpart A	Control device not used to comply with any MACT
60FLR#004	N/A	30 TAC Chapter 117, Subchapter B	Not an applicable 30 TAC Chapter 117 source, per Air RIT R7-201.005.
60FLR#005	N/A	30 TAC Chapter 117, Subchapter B	Not an applicable 30 TAC Chapter 117 source, per Air RIT R7-201.005.
60FLR#006	N/A	30 TAC Chapter 117, Subchapter B	Not an applicable 30 TAC Chapter 117 source, per Air RIT R7-201.005.
60FLR#008	N/A	30 TAC Chapter 117, Subchapter B	Not an applicable 30 TAC Chapter 117 source, per Air RIT R7-201.005.
60FLR#009	N/A	30 TAC Chapter 117, Subchapter B	Not an applicable 30 TAC Chapter 117 source, per Air RIT R7-201.005.
60FLR#010	N/A	30 TAC Chapter 117, Subchapter B	Not an applicable 30 TAC Chapter 117 source, per Air RIT R7-201.005.
60FLR#010	N/A	40 CFR Part 60, Subpart J	Constructed prior to June 11, 1973

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
60FLR#012	N/A	30 TAC Chapter 117, Subchapter B	Not an applicable 30 TAC Chapter 117 source, per Air RIT R7-201.005.
60FLR#012	N/A	40 CFR Part 63, Subpart A	Rule overlap. Flare will comply with the requirements of MACT CC upon startup.
61BRN#001	N/A	30 TAC Chapter 117, Subchapter B	New unit placed in service after 11/15/92
61BRN#002	N/A	30 TAC Chapter 117, Subchapter B	New unit placed in service after 11/15/92
61BRN#003	N/A	30 TAC Chapter 117, Subchapter B	New unit placed in service after 11/15/92
61CTL#031	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium based water treatment chemicals.
61SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Petroleum refineries in the Beaumont/Port Arthur area are exempt.
61SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
61STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source
61STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a process vent
61STK_002	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source
61STK_002	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a process vent
61STK_003	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source
61STK_003	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a process vent
61TFX#4162	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not store VOCs
61TFX#4162	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquids
61TFX#4162	N/A	40 CFR Part 60, Subpart Ka	Tank does not store petroleum liquids
61TFX#4162	N/A	40 CFR Part 60, Subpart Kb	Tank does not store volatile organic liquids
61TFX#4162	N/A	40 CFR Part 63, Subpart CC	Tank does not store HAPs
61TFX#4162	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
61TFX#4164	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons
61TFX#4164	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
61TFX#4164	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
61TFX#4164	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
61TFX#4164	N/A	40 CFR Part 63, Subpart CC	Capacity < 40 cubic meters
61TFX#4164	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
61TLO#GTG1	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
61TLO#GTG1	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
61TLO#GTG1	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
61TLO#GTG1	N/A	40 CFR Part 63, Subpart CC	Capacity < 40 cubic meters
61TLO#GTG1	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
61TLO#GTG2	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
61TLO#GTG2	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
61TLO#GTG2	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
61TLO#GTG2	N/A	40 CFR Part 63, Subpart CC	Capacity < 40 cubic meters
61TLO#GTG2	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
61TLO#GTG3	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons
61TLO#GTG3	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons
61TLO#GTG3	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
61TLO#GTG3	N/A	40 CFR Part 63, Subpart CC	Capacity < 40 cubic meters
61TLO#GTG3	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
61TRB#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid or liquid fuel
61TRB#001	N/A	30 TAC Chapter 117, Subchapter B	New unit placed in service after 11/15/92

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
61TRB#002	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid or liquid fuel
61TRB#002	N/A	30 TAC Chapter 117, Subchapter B	New unit placed in service after 11/15/92
61TRB#003	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn solid or liquid fuel
61TRB#003	N/A	30 TAC Chapter 117, Subchapter B	New unit placed in service after 11/15/92
61TVT#001	N/A	30 TAC Chapter 115, Storage of VOCs	Tank does not store VOCs
61TVT#001	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquids
61TVT#001	N/A	40 CFR Part 60, Subpart Ka	Tank does not store petroleum liquids
61TVT#001	N/A	40 CFR Part 60, Subpart Kb	Tank does not store volatile organic liquids
61TVT#001	N/A	40 CFR Part 63, Subpart CC	Tank does not store HAPs
61VNT_001	N/A	30 TAC Chapter 115, Vent Gas Controls	All VOCs originate from a source for which another division within Chapter 115 has established control requirements
61VNT_001	N/A	40 CFR Part 63, Subpart CC	Vent stream does not contain any HAPs
61VNT_002	N/A	30 TAC Chapter 115, Vent Gas Controls	All VOCs originate from a source for which another division within Chapter 115 has established control requirements
61VNT_002	N/A	40 CFR Part 63, Subpart CC	Vent stream does not contain any HAPs
61VNT_003	N/A	30 TAC Chapter 115, Vent Gas Controls	All VOCs originate from a source for which another division within Chapter 115 has established control requirements
61VNT_003	N/A	40 CFR Part 63, Subpart CC	Vent stream does not contain any HAPs
62ENG#001	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
62LFS#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt.
62LFS#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before 5/4/87.



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
62LFS#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 stream.
62LFS#002	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt.
62LFS#002	N/A	40 CFR Part 60, Subpart QQQ	Constructed before 5/4/87.
62LFS#002	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 stream.
62LFS#003	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt.
62LFS#003	N/A	40 CFR Part 60, Subpart QQQ	Constructed before 5/4/87.
62LFS#003	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 stream.
62LFS#004	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt.
62LFS#004	N/A	40 CFR Part 60, Subpart QQQ	Constructed before 5/4/87.
62LFS#004	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 stream.
62LFS#005	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt.
62LFS#005	N/A	40 CFR Part 60, Subpart QQQ	Constructed before 5/4/87.
62LFS#005	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 stream.
62SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Petroleum refineries in Beaumont/Port Arthur area are exempt.
62SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987.
62SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream.
62TFX#STG1	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 25,000 gallons and located at a motor vehicle fuel dispensing facility.
62TFX#STG1	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
62TFX#STG1	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
62TFX#STG1	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
62TFX#STG1	N/A	40 CFR Part 63, Subpart CC	Capacity < 40 cubic meters (not a MACT CC storage vessel by definition.
62TFX#STG1	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids.
63BLR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel.
63BLR#001	N/A	30 TAC Chapter 117, Subchapter B	Capacity < 40 MMBtu/hr
63BLR#001	N/A	40 CFR Part 60, Subpart Dc	Capacity < 10 MMBtu/hr
63BLR#002	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel.
63BLR#002	N/A	30 TAC Chapter 117, Subchapter B	Capacity < 40 MMBtu/hr
63BLR#002	N/A	40 CFR Part 60, Subpart Dc	Capacity < 40 MMBtu/hr
63SMP#001	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons.
63SMP#001	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
63SMP#001	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
63SMP#001	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
63SMP#001	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
63SMP#001	N/A	40 CFR Part 63, Subpart CC	Not a petroleum refining process unit.
63SMP#001	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
63SMP#002	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons.
63SMP#002	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
63SMP#002	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
63SMP#002	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
63SMP#002	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
63SMP#002	N/A	40 CFR Part 63, Subpart CC	Not a petroleum refining process unit.
63SMP#003	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons.
63SMP#003	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
63SMP#003	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
63SMP#003	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
63SMP#003	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
63SMP#003	N/A	40 CFR Part 63, Subpart CC	Not a petroleum refining process unit.
63SMP#003	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
63TFX#005	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
63TFX#005	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
63TFX#005	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
63TFX#005	N/A	40 CFR Part 61, Subpart FF	Does not store benzene-containing waste
63TFX#005	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
63TFX#005	N/A	40 CFR Part 63, Subpart CC	Not a petroleum refining process unit.
63TFX#005	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
63TIF#004	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
63TIF#004	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
63TIF#004	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
63TIF#004	N/A	40 CFR Part 63, Subpart CC	Not a petroleum refining process unit.
63TIF#1373	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
63TIF#1373	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
63TIF#1373	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
63TIF#1373	N/A	40 CFR Part 63, Subpart CC	Not a petroleum refining process unit.
63TOT#006	N/A	30 TAC Chapter 115, Storage of VOCs	Capacity < 1,000 gallons.
63TOT#006	N/A	40 CFR Part 60, Subpart K	Capacity < 40,000 gallons.
63TOT#006	N/A	40 CFR Part 60, Subpart Ka	Capacity < 40,000 gallons.
63TOT#006	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters.
63TOT#006	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
63TOT#006	N/A	40 CFR Part 63, Subpart CC	Not a petroleum refining process unit.
63TOT#006	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
65BLW#001	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
65BLW#001	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
65HTR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
65HTR#001	N/A	30 TAC Chapter 117, Subchapter B	Capacity < 40,000 MMBtu/hr
65HTR#001	N/A	40 CFR Part 60, Subpart J	Not a fuel gas combustion device
65SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in the Beaumont/Port Arthur area are exempt
65SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Not an individual drain system
65SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
65STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source
65STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a misc. process vent

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
65TPR#A710	N/A	40 CFR Part 60, Subpart K	Tank capacity < 40,000 gallons
65TPR#A710	N/A	40 CFR Part 60, Subpart Ka	Tank capacity < 40,000 gallons
65TPR#A710	N/A	40 CFR Part 60, Subpart Kb	Tank capacity < 75 cubic meters
65TPR#A710	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,500 cubic meters
65TPR#A720	N/A	40 CFR Part 60, Subpart K	Tank capacity < 40,000 gallons
65TPR#A720	N/A	40 CFR Part 60, Subpart Ka	Tank capacity < 40,000 gallons
65TPR#A720	N/A	40 CFR Part 60, Subpart Kb	Tank capacity < 75 cubic meters
65TPR#A720	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,500 gallons
65TPR#A740	N/A	30 TAC Chapter 115, Storage of VOCs	By definition, methane is not a VOC
65TPR#A740	N/A	40 CFR Part 60, Subpart K	Tank capacity < 40,000 gallons
65TPR#A740	N/A	40 CFR Part 60, Subpart Ka	Tank capacity < 40,000 gallons
65TPR#A740	N/A	40 CFR Part 60, Subpart Kb	Tank capacity < 75 cubic meters
65TPR#A740	N/A	40 CFR Part 63, Subpart CC	Tank capacity < 10,500 gallons
66BLW#008	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
66BLW#008	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.
66SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
66SEW#001	N/A	40 CFR Part 60, Subpart QQQ	Constructed before May 4, 1987
66SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
66TVD#001	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCM chemical for sale or use

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
66TVD#002	N/A	40 CFR Part 60, Subpart NNN	Does not produce a SOCMI chemical for sale or use
67ENG#005	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
67ENG#006	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
67ENG#009	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
67ENG#014	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
67ENG#017	N/A	30 TAC Chapter 117, Subchapter B	Stationary diesel engines in Beaumont/Port Arthur are exempt.
69HTR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
69HTR#001	N/A	30 TAC Chapter 117, Subchapter B	New unit placed into service after November 15, 1992
69HTR#002	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
69HTR#002	N/A	30 TAC Chapter 117, Subchapter B	New unit placed into service after November 15, 1992
69STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
69STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion source, not a misc. process vent
69STK_002	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source
69STK_002	N/A	40 CFR Part 63, Subpart CC	Combustion source, not a misc. process vent
70BLW#012	N/A	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	Pressure relief valves venting to a control device.
70BLW#012	N/A	40 CFR Part 63, Subpart CC	Rule overlap. Unit complies with NSPS GGGa.

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
70CTL#032	N/A	40 CFR Part 63, Subpart Q	Not operated with chromium-based water treatment chemicals.
70HTR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
70HTR#001	N/A	30 TAC Chapter 117, Subchapter B	New unit placed into service after November 15, 1992
70SEW#001	N/A	30 TAC Chapter 115, Industrial Wastewater	Refineries in Beaumont/Port Arthur are exempt
70SEW#001	N/A	40 CFR Part 63, Subpart CC	Does not contain a Group 1 wastewater stream
70STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source not used as a control device for a vent stream subject to 30 TAC Chapter 115, Vent Gas Control
70STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion source, not a misc. process vent
70TEF#4208	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
70TEF#4208	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
70TEF#4208	N/A	40 CFR Part 61, Subpart Y	Does not store industrial or refined grade benzene
70TEF#4208	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
70TEF#5033	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
70TEF#5033	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
70TEF#5033	N/A	40 CFR Part 60, Subpart Kb	Capacity > 151 cubic meters with TVP < 3.5 kPa
70TEF#5033	N/A	40 CFR Part 63, Subpart EEEE	Tank does not store organic liquids
70TFX#5035	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
70TFX#5035	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
70TFX#5035	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
70TFX#5035	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
70TFX#5036	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
70TFX#5036	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
70TFX#5036	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
70TFX#5036	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
70TFX#5037	N/A	40 CFR Part 60, Subpart K	Constructed after May 18, 1978
70TFX#5037	N/A	40 CFR Part 60, Subpart Ka	Constructed after July 23, 1984
70TFX#5037	N/A	40 CFR Part 60, Subpart Kb	Capacity < 75 cubic meters
70TFX#5037	N/A	40 CFR Part 63, Subpart CC	Storage capacity < 10,600 gallons
71HTR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
71HTR#001	N/A	30 TAC Chapter 117, Subchapter B	New unit placed into service after November 15, 1992
71HTR#002	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
71HTR#002	N/A	30 TAC Chapter 117, Subchapter B	New unit placed into service after November 15, 1992
71STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source not used as a control device for a vent stream subject to 30 TAC Chapter 115, Vent Gas Control
71STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion source, not a misc. process vent
71STK_002	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source not used as a control device for a vent stream subject to 30 TAC Chapter 115, Vent Gas Control
71STK_002	N/A	40 CFR Part 63, Subpart CC	Combustion source, not a misc. process vent
72HTR#001	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

ID No.	Group/Inclusive Units	Regulation	Basis of Determination
72HTR#001	N/A	30 TAC Chapter 117, Subchapter B	New unit placed into service after November 15, 1992
72HTR#002	N/A	30 TAC Chapter 112, Sulfur Compounds	Does not burn liquid or solid fuel
72HTR#002	N/A	30 TAC Chapter 117, Subchapter B	New unit placed into service after November 15, 1992
72STK_001	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion source not used as a control device for a vent stream that is subject to 30 TAC Chapter 115, Vent Gas Control
72STK_001	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a misc. process vent
72STK_002	N/A	30 TAC Chapter 115, Vent Gas Controls	Combustion Source
72STK_002	N/A	40 CFR Part 63, Subpart CC	Combustion Source, not a misc. process vent
74LBS#001	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Marine vessel/unloading in areas other than Galveston/Houston are exempt.
PRO-NBRUST	N/A	40 CFR Part 60, Subpart NNN	Does not produce listed SOCM chemical for sale or use.

**New Source Review Authorization References**

<b>New Source Review Authorization References .....</b>	<b>657</b>
<b>New Source Review Authorization References by Emission Unit .....</b>	<b>659</b>

### New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

<b>Prevention of Significant Deterioration (PSD) Permits</b>	
PSD Permit No.: GHGPSDTX161M1	Issuance Date: 01/10/2020
PSD Permit No.: PSDTX1506M1	Issuance Date: 01/10/2020
PSD Permit No.: PSDTX768M2	Issuance Date: 01/10/2020
PSD Permit No.: PSDTX799M1	Issuance Date: 01/10/2020
PSD Permit No.: PSDTX802M1	Issuance Date: 01/10/2020
PSD Permit No.: PSDTX932M1	Issuance Date: 01/10/2020
PSD Permit No.: PSDTX992M2	Issuance Date: 01/10/2020
<b>Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.</b>	
Authorization No.: 102188	Issuance Date: 05/14/2012
Authorization No.: 122640	Issuance Date: 09/23/2014
Authorization No.: 158145	Issuance Date: 10/03/2019
Authorization No.: 49138	Issuance Date: 01/10/2020
Authorization No.: 92851	Issuance Date: 07/14/2010
Authorization No.: 94417	Issuance Date: 01/14/2011
Authorization No.: PAL50	Issuance Date: 03/04/2019
<b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b>	
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.373	Version No./Date: 03/14/1997
Number: 106.433	Version No./Date: 03/14/1997
Number: 106.451	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 07/08/1998
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 03/14/1997
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 03/14/1997

### **New Source Review Authorization References**

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Number: 106.476	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001
Number: 106.532	Version No./Date: 09/04/2000
Number: 51	Version No./Date: 07/20/1992
Number: 53	Version No./Date: 07/20/1992
Number: 59	Version No./Date: 05/08/1972
Number: 61	Version No./Date: 07/20/1992
Number: 69	Version No./Date: 04/04/1975

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
01BLW#006	Alky 1 Blowdown System	49138
02BLW#007	Alky 2 Blowdown System	49138
02CTL#017	Alky 2 Cooling Tower No. 17	49138, PAL50
02ENG#001	Diesel Generator	106.512/06/13/2001
02SEW#001	Alky 2 Industrial Sewer	49138
02TFX#4191	Alky 2 Fixed Roof Tank #4191	49138, PAL50
02TFX#4192	Alky 2 Fixed Roof Tank #4192	49138, PAL50
02TFX#4193	Alky 2 Fixed Roof Tank #4193	49138, PAL50
02TFX#4194	Alky 2 Fixed Roof Tank #4194	49138
02TVD#001	Alky 2 Distillation Tower 1	49138
02TVD#002	Alky 2 Distillation Tower 2	49138
02TVV_001	Alky 2 Water Wash Drum Seal Pot Vent	49138
03BLW#007	HDT Blowdown System	49138
03SEW#001	HDT Industrial Sewer	49138
04BLW#004	Coker Blowdown System	49138, PSDTX768M2
04CTL#002	Coker Cooling Tower No. 2	49138, PAL50
04CTL#006	Coker Cooling Tower No. 6	49138, PAL50
04HTR#001	Coker East Heater	49138, PAL50
04HTR#002	Coker Middle Heater	49138, PAL50
04HTR#003	Coker West Heater	49138, PAL50
04HTR#004	Coker Far West Heater	49138, PAL50, PSDTX768M2

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
04SEW#001	Industrial Waste Water Sewer Coker	49138, PSDTX768M2
04SEW#002	Industrial Waste Water Sewer Coker Gas Plant	49138, PSDTX768M2
04STK_001	Coker East Heater Stack	49138, PAL50
04STK_002	Coker Middle Heater Stack	49138, PAL50
04STK_003	Coker West Heater Stack	49138, PAL50
04STK_004	Coker Far West Heater Stack	49138, PAL50, PSDTX768M2
04TFX#0425	Coker Sludge Recycle Tank No. 425	49138
04TFX#0426	Coker Sludge Recycle Tank No. 426	49138
04TFX#100	Diesel Fuel Tank	106.472/09/04/2000
04TFX#1341	Coker Tank No. 1341	49138, PAL50
04TFX#4024	Amine Tank	106.472/09/04/2000
04TFX#4025	Coker Gland Oil	49138, PAL50
04TFX#4026	Coker Tank No. 4026	49138, PAL50
04TFX#4028	Coker Tank No. 4028	49138
04TFX#4029	Coker Tank No. 4029	49138, PAL50
04TFX#4125	Coker 141 Stock	49138, PAL50
04TOT#4018	Cooling Water Tank	49138
04TOT#4019	Cooling Water Tank	49138
04TVD#001	Coker Combination Tower	49138, PSDTX768M2
04TVD#002	Coker Fractionating Absorber	49138, PSDTX768M2
04TVD#003	Coker Gas Plant Debutanizer	49138, PSDTX768M2

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
04TVD#004	Coker Gas Plant Depropanizer	49138, PSDTX768M2
04TVV#001	Coke Drum #1	49138, PSDTX768M2
04TVV#002	Coke Drum #2	49138, PSDTX768M2
04TVV#003	Coke Drum #3	49138, PSDTX768M2
04TVV#004	Coke Drum #4	49138, PSDTX768M2
04TVV#005	Coke Drum #5	49138, PSDTX768M2
04TVV#006	Coke Drum #6	49138, PSDTX768M2
04TVV#007	Coke Drum #7	49138, PSDTX768M2
04TVV#008	Coke Drum #8	49138, PSDTX768M2
04TVV#009	Water Settler Vent	49138, PSDTX768M2
04TVV#016	Amine Surge Drum Vent PC-016B	49138, PSDTX768M2
04TVV#022	Depropanizer Overhead Accumulator Vent PC-022A	49138, PSDTX768M2
04TVV#030	WGC Dump Vent PC-030	49138, PSDTX768M2
04TVV#042	Debutanizer Overhead Accumulator Vent PC-042	49138, PSDTX768M2
04TVV#044	Fractionating Absorber Overhead Acc. Vent PC-044	49138, PSDTX768M2
04TVV#702	Gas Separator Vent PC-702	49138, PSDTX768M2
05BLW#003	Crude B Blowdown System to Hp Flare	49138, PSDTX768M2
05BLW#005	Crude B Blowdown System to Lp Flare	49138, PSDTX768M2
05CTL#026	Crude Unit B Cooling Tower No. 26	49138, PAL50, PSDTX768M2
05HTR#001	Crude B Atmospheric Heater H-3101	49138, PAL50, PSDTX768M2
05HTR#002	Crude Unit B Vacuum Heater H-3102	49138, PAL50, PSDTX768M2

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
05HTR#004	Crude Unit B Heater H-2001	49138, PAL50, PSDTX768M2
05OWS#PDM1	Low Phenolic Drum	49138, PSDTX768M2
05OWS#PDM2	High Phenolic Drum	49138, PSDTX768M2
05SEW#001	Industrial Wastewater	49138, PSDTX768M2
05STK_001	Heater H-3101 Stack	49138, PAL50, PSDTX768M2
05STK_002	Vacuum Heater H-3102 Stack	49138, PAL50, PSDTX768M2
05STK_004	Heater H-2001 Stack	49138, PAL50, PSDTX768M2
05TFX#0337	3% Caustic Tank No. 337	49138
05TFX#0338	3% NaOH Tank No. 338	49138
05TFX#165C	Filmer Tank	49138
05TFX#192C	Neutralizer Tank	49138
05TFX#4014	Seal Oil Tank	49138, PAL50
05TFX#4130	SHC 627 Oil Mist Tank	49138, PAL50
05TFX#4196	Inhibitor Storage Tank #4196	106.478/09/04/2000
05TFX#4197	Emulsion Breaker Tank	49138, PAL50
05TOT#048	Iso Tank - Nalco EC2472A	106.472/09/04/2000
06BLR#001	FCC CO Boiler	49138, PAL50, PSDTX992M2
06BLW#008	FCC Blowdown System	49138, PSDTX992M2
06CTL#001	FCC CHD2 GCP3 Cooling Tower No. 1	49138, PAL50
06HTR#002	FCC B-2 Feed Preheater	49138, PAL50, PSDTX992M2
06OWS#001	FCC Oil Water Separator	49138



### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
06REG#001	FCCU Catalyst Regenerator	49138, PAL50, PSDTX992M2
06SEW#001	FCCU Industrial Wastewater Sewer	49138, PSDTX992M2
06STK_002	FCCU B-2 Feed Preheater Stack	49138, PAL50, PSDTX992M2
06STK_003	FCCU Scrubber Stack	49138, PAL50, PSDTX992M2
06TFX#017	Diesel Fuel Tank	106.472/09/04/2000
06TVD#001	FCCU Main Column	49138, PSDTX992M2
06TVD#002	FCCU Debutanizer Tower	49138, PSDTX992M2
06TVD#003	FCCU Depropanizer	49138, PSDTX992M2
06TVV_001	FCCU North Wet Gas Compr. Sour Seal Oil K.O. Pots	49138, PSDTX992M2
06TVV_002	FCCU South Wet Gas Compr. Sour Seal Oil K.O. Pots	49138, PSDTX992M2
07BLW#008	GCP3 Blowdown System to FCC Flare	49138
07CTL#016	GCP3 Cooling Tower No. 16	49138, PAL50
07SEW#001	GCP3 Industrial Wastewater Sewer	49138
08BLW#007	GP5E Blowdown System	49138
08CTL#013	GP5E Cooling Tower No. 13	49138, PAL50
08CTL#021	GP5E Cooling Tower No. 21	49138, PAL50
08CTL#033	GP5E Cooling Tower No. 33	49138, PSDTX1506M1
08SEW#001	GP5E Industrial Sewer	49138
08TVD#001	GP5E Distillation Tower 1	49138
08TVD#002	GP5E Distillation Tower 2	49138
08TVD#003	GP5E Distillation Tower 3	49138

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
08TVD#004	GP5E Distillation Tower 4	49138
08TVD#005	GP5E Distillation Tower 5	49138
08TVD#006	GP5E Distillation Tower 6	49138
08TVD#007	GP5E Distillation Tower 7	49138
08TVD#008	GP5E Distillation Tower 8	49138
08TVV_001	GP5E Water Surge Drum Vent	49138
08VNT_001	GP5E Glycol Vent	49138
09BLW#007	GP5W Blowdown System	49138
09SEW#001	GP5W Industrial Sewer	49138
09TVD#001	GP5W Distillation Tower 1	49138
09TVD#002	GP5W Distillation Tower 2	49138
09TVD#003	GP5W Distillation Tower 3	49138
09TVD#004	GP5W Distillation Tower 4	49138
09TVD#005	GP5W Distillation Tower 5	49138
10BLW#007	Merox Blowdown System	49138
10SEP#001	Merox Disulfide Separator	49138
10SEW#001	Merox Industrial Sewer	49138
10TVD#001	Merox Distillation Tower 1	49138
10VNT_001	Merox Disulfide Separator Vent	49138
11BLW#007	MRU Blowdown System	49138
11SEW#001	MRU Industrial Sewer	49138

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
11TVD#001	Methanol Column (DA-103)	49138
11TVV_001	MRU DA-103 Vent	49138
12BLW#007	MTBE Blowdown System	49138
12RXT#001	MTBE Guard Bed Reactor (F-5)	49138
12RXT#002	MTBE Guard Bed Reactor (F-6)	49138
12SEW#001	MTBE Industrial Sewer	49138
12TVD#001	MTBE Catalytic Distillation Tower (D-1)	49138
12TVV_001	MTBE F3 H <sub>2</sub> O Knockout Drum Vent	49138
12VSL#001	MTBE F3 Water Wash Tower	49138
13BLW#005	North BRU Blowdown to Flare Gas Recovery	49138
13SEW#001	North BRU Sewer System	49138
13TFX#0300	30 Baume Caustic Storage Tank	106.472/09/04/2000
13TFX#4080	Caustic Tank #4080	49138, PAL50
14BLW#008	North Plant FGR Blowdown System	49138
14SEW#001	FGRC Industrial Wastewater Sewer	49138
15BLW#001	CHD1 Blowdown System	49138
15CTL#018	CHD1 Cooling Tower No. 18	49138, PAL50
15ENG#003	Diesel Pump	106.511/09/04/2000
15HTR#001	CHD1 Charge Heater B-1	49138, PAL50
15SEW#001	Industrial Wastewater Id. No. 15	49138
15STK_001	CHD1 Charge Heater B-1 Stack	49138, PAL50

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
15VNT_001	CHD1 Reactor Regen Vent	49138
16BLR#002	CHD2 Charge Reboiler B-2	49138, PAL50
16BLW#002	CHD2 Blowdown System	49138
16HTR#001	CHD2 Charge Furnace B-1	49138, PAL50
16SEW#001	Industrial Wastewater Id. No. 16	49138
16STK_001	CHD2 Heater B-1 and B-2 Stack	49138, PAL50
16TFX#3121	Heavy Scrap Oil Tank 3121	49138, PAL50
16VNT_001	CHD2 Regenerator Vent	49138
17BLW#002	South DEA Blowdown System	49138
17TFX#4007	Lean DEA Tank	49138, PAL50
17TFX#4008	Fresh DEA Tank	49138, PAL50
18BLW#002	DEA3 Blowdown System	49138
18SEW#001	Industrial Wastewater Id. No. 18	49138
18SMP#4118	Amine Sump Tank	49138, PAL50
18TFX#4117	Lean Amine Tank	49138
19BLW#005	Dualayer Blowdown System	49138, PSDTX768M2, PSDTX932M1
19CTL#025	Dualayer Cooling Tower No. 25	49138, PAL50, PSDTX768M2, PSDTX932M1
19SEW#001	Dualayer Industrial Wastewater Sewer	49138, PSDTX768M2, PSDTX932M1
19TEF#1323	Dualayer Ext. Floating Roof Tank #1323	49138, PAL50, PSDTX768M2, PSDTX932M1
19TEF#1332	Dualayer Ext. Floating Roof Tank #1332	49138, PAL50, PSDTX768M2, PSDTX932M1
19TFX#0360	Dualayer Fixed Floating Roof Tank No. 0360	49138, PAL50

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
19TFX#0361	Dualayer Fixed Roof Tank # 0361	49138, PAL50
19TFX#0542	Dualayer Fixed Roof Tank # 0542	49138, PAL50
19TFX#0547	Dualayer Fixed Roof Tank # 0547	49138, PAL50
19TFX#1356	Dualayer Fixed Roof Tank # 1356	49138, PAL50
19TIF#0648	Dualayer Internal Floating Roof Tank #0648	49138, PAL50
20BLW#003	HDC Blowdown System	49138, PSDTX768M2, PSDTX932M1
20CTL#005	HDC Cooling Tower No. 05	49138, PAL50, PSDTX768M2, PSDTX932M1
20HTR#001	HDC 1st Stage West Furnace H-3301	49138, PAL50, PSDTX768M2, PSDTX932M1
20HTR#002	HDC 1st Stage East Furnace H-3302	49138, PAL50, PSDTX768M2, PSDTX932M1
20HTR#003	HDC 2nd Stage Furnace H-3303	49138, PAL50, PSDTX768M2, PSDTX932M1
20HTR#004	HDC Stabilizer Reboiler Heater H-3304	49138, PAL50, PSDTX768M2, PSDTX932M1
20HTR#005	HDC Splitter Reboiler Heater H-3305	49138, PAL50, PSDTX768M2, PSDTX932M1
20RXT#001	HDC 1st Stage Treating Reactor (R1)	49138, PSDTX768M2, PSDTX932M1
20RXT#002	HDC 1st Stage Cracking Reactor (R2)	49138, PSDTX768M2, PSDTX932M1
20RXT#003	HDC 2nd Stage Cracking Reactor (R3)	49138, PSDTX768M2, PSDTX932M1
20SEW#001	HDC Industrial Wastewater Sewer	49138, PSDTX768M2, PSDTX932M1
20SEW#002	HDC Area A & Compressor Area Industrial Sewer	49138, PSDTX768M2, PSDTX932M1
20STK_001	HDC 1st Stage West Furnace H-3301 Stack	49138, PAL50, PSDTX768M2, PSDTX932M1
20STK_002	HDC 1st Stage East Furnace H-3302 Stack	49138, PAL50, PSDTX768M2, PSDTX932M1
20STK_003	HDC 2nd Stage Furnace H-3303 Stack	49138, PAL50, PSDTX768M2, PSDTX932M1
20STK_004	HDC Stabilizer Reboiler Heater H-3304 Stack	49138, PAL50, PSDTX768M2, PSDTX932M1

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
20STK_005	HDC Splitter Reboiler Heater H-3305 Stack	49138, PAL50, PSDTX768M2, PSDTX932M1
20TVT#001	Waste Oil Container	49138, PAL50
20TVV_001	1st Stage Feed Drum Vent	49138, PSDTX768M2, PSDTX932M1
20TVV_002	1st Stage Reactor Skin Vent	49138, PSDTX768M2, PSDTX932M1
20TVV_003	2nd Stage Reactor Skin Vent (R3 Reactor)	49138, PSDTX768M2, PSDTX932M1
20VNT_001	HDC Regeneration Vent #1	49138, PSDTX768M2, PSDTX932M1
20VNT_002	HDC Regeneration Vent #2	49138, PSDTX768M2, PSDTX932M1
21BLW#003	SAM Unit Blowdown System	49138
21HTR#001	SAM Heater	49138, PAL50
21SEW#001	SAM Unit Sewer	49138
21STK_001	SAM Heater Stack	49138, PAL50
22BLW#001	H <sub>2</sub> S Plant Blowdown System	49138
22SEW#001	Industrial Wastewater Id. No. 22	49138
24SEW#001	Industrial Wastewater Id. No. 24	49138
25BLW#010	Isom Blowdown System	49138
25CTL#022	Isom Cooling Tower No. 22	49138, PAL50
25HTR#001	Isom Pretreater Charge Heater (B-1)	49138, PAL50
25HTR#003	Isom Reactor Charge Heater (B-401)	49138, PAL50
25HTR#004	Isom Regeneration Heater (B-402)	49138, PAL50
25RXT#001	Isom Reactor	49138
25SEW#001	Isom Industrial Wastewater Sewer	49138

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
25STK_001	Isom Pretreater Charge Heater Stack (B-1)	49138, PAL50
25STK_003	Isom Reactor Charge Heater Stack (B-401)	49138, PAL50
25STK_004	Isom Regeneration Heater Stack (B-402)	49138, PAL50
25TFX#2368	Perchloroethylene Tank (T-2368)	49138, PAL50
26BLW#002	South DEA Blowdown System	49138
26TFX#4020	Lean DEA Tank (25% DEA)	49138, PAL50
27BLW#003	Ptr3 Blowdown System	49138, PSDTX802M1
27BLW#005	Ptr3 Blowdown System	49138, PSDTX802M1
27CTL#003	Ptr3 Cooling Tower No. 03	49138, PAL50, PSDTX768M2
27HTR#001	Ptr3 Charge Heater H-3401	49138, PAL50, PSDTX802M1
27HTR#002	Ptr3 Stripper Reboiler Heater H-3402	49138, PAL50, PSDTX802M1
27HTR#003	Ptr3 Reformer Heater H-3403 through H-3406	49138, PAL50, PSDTX802M1
27HTR#004	Ptr3 Debutanizer Reboiler Heater H-3408	49138, PAL50, PSDTX802M1
27RXT#002	Ptr3 Reactor #2	49138, PSDTX802M1
27SEW#001	Ptr3 Industrial Sewer	49138, PSDTX802M1
27SEW#002	Ptr3 Industrial Sewer #2	49138, PSDTX802M1
27STK_001	Ptr3 Charge Heater H-3401 Stack	49138, PAL50, PSDTX802M1
27STK_002	Ptr3 Stripper Reboiler Heater Stack	49138, PAL50, PSDTX802M1
27STK_003	Ptr3 Reformer Heater Stack	49138, PAL50, PSDTX802M1
27STK_004	Ptr3 Debut Heater Stack	49138, PAL50, PSDTX802M1
27TFX#1363	Fixed Roof Tank #1363	49138, PAL50

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
27TVD#001	Ptr3 Distillation Tower No. 1	49138, PSDTX802M1
27TVD#002	Ptr3 Distillation Tower No. 2	49138, PSDTX802M1
27TVD#003	Ptr3 Distillation Tower No. 3	49138, PSDTX802M1
27TVD#004	Ptr3 Distillation Tower No. 4	49138, PSDTX802M1
27TVT#001	HP Compressor Lube Oil Reserve Tank	49138, PAL50
27TVT#002	Recycle Compressor Lube Oil Reserve	49138, PAL50
27TVT#003	Off-Gas Compressor Lube Oil Reserve Tank	49138, PAL50
27TVT#004	Booster Lube Oil Tank	49138, PAL50
27TVT#005	Booster Lube Oil Tank	49138, PAL50
27TVT#006	Chloride Storage Tank	49138, PSDTX802M1
27VNT_001	Ptr3 Reactor Regen Vent	49138, PAL50, PSDTX802M1
27VNT_002	Ptr3 Reactor Regenerator Bypass Vent	49138, PSDTX802M1
28BLW#003	Ptr4 Blowdown System	49138, PSDTX768M2
28BLW#005	Ptr4 Blowdown System	49138, PSDTX768M2
28HTR#001	Ptr4 Pretreater Rx CHG Heater B-7001	49138, PAL50, PSDTX768M2
28HTR#002	Ptr4 Depent Reboiler Heater B-7002	49138, PAL50, PSDTX768M2
28HTR#003	Ptr4 Reformer Heater B-7101-4	49138, PAL50, PSDTX768M2
28HTR#004	Ptr4 Debut Reboiler Heater B-7201	49138, PAL50, PSDTX768M2
28RXT#001	Ptr4 Reactor	49138, PSDTX768M2
28SEW#001	Ptr4 Industrial Sewer	49138, PSDTX768M2
28STK_001	Ptr4 Heaters B-7001 and B-7002 Stack	49138, PAL50, PSDTX768M2



### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
28STK_003	Ptr4 Heaters B-7101-4 and B-7201 Stack	49138, PAL50, PSDTX768M2
28TVD#001	Ptr4 Distillation Tower No. 1	49138, PSDTX768M2
28TVD#002	Ptr4 Distillation Tower No. 2	49138, PSDTX768M2
28TVT#001	Total Gas Compressor Lube Reserve Tank	49138, PAL50
28TVT#002	Booster Compressor Lube Oil Reserve	49138, PAL50
28TVT#003	Treat Gas Compressor Lube Oil Reserve Tank	49138, PAL50
28TVT#004	Treat Gas Compressor Lube Oil Reserve Tank	49138, PAL50
28TVT#005	Chloride Storage Drum	49138, PSDTX768M2
28VNT_001	Ptr4 Reactor Regen Vent	49138, PAL50, PSDTX768M2
29BLW#002	SWS Blowdown System	49138
29SEW#001	Industrial Wastewater Id. No. 29	49138
30BLW#002	SRU1 Blowdown System	49138, PSDTX768M2
30ENG#001	Emergency Engine	106.511/09/04/2000
30ENG#002	Emergency Engine	106.511/09/04/2000
30SEW#001	SRU1 Industrial Wastewater	49138, PSDTX768M2
31TFX#4068	Caustic Tank 4068	106.472/09/04/2000
31TFX#4091	Oil Mist Tank 4091	49138, PAL50
31TOT#GLYC	Polyglycol Antifoam Tank	106.472/09/04/2000
32BLW#002	SRU 2/3 Blowdown System	49138, PSDTX768M2
32SEW#002	SRU 2/3 Industrial Wastewater	49138, PSDTX768M2
32STK_001	SRU 2/3 Thermal Oxidizer Stack	49138, PAL50, PSDTX768M2

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
32TFX#4073	Fresh DEA Storage	49138, PAL50
32TFX#4074	Lean DEA Storage Tank No. 1	49138, PAL50
32TFX#4076	Lean Dea Storage Tank No. 2	49138, PAL50
32TOX#001	SRU 2/3 Thermal Oxidizer	49138, PAL50, PSDTX768M2
32VNT#002	SRU2/3 No. 2 Vent (Maintenance)	49138, PSDTX768M2
32VNT#003	SRU2/3 No. 3 Vent (Maintenance)	49138, PSDTX768M2
32VNT_005	SRU 2/3 No. 3 Sulfur Truck Loading	49138
33SEW#001	Industrial Wastewater Id. No. 33	49138
33VNT_001	Treater 3 Excess Air Vent	49138, PAL50
34SEW#001	Industrial Wastewater Id. No. 34	49138
36BLW#006	Crude A Blowdown System	49138
36CTL#019	Crude Unit A Cooling Tower # 19	49138, PAL50
36HTR#002	Crude A Heater B-1A	49138, PAL50
36HTR#004	Crude A Heater B-1B	49138, PAL50
36HTR#006	Crude A Vacuum Heater B-2	49138, PAL50
36HTR#007	Crude A Vacuum Heater B-3	49138, PAL50
36OWS#001	Crude Unit A Oil/Water Separator	49138
36SEW#001	Industrial Wastewater Sewer Crude Unit A	49138
36STK_002	CUA Heater B-1A Stack	49138, PAL50
36STK_004	CUA Heater B-1B Stack	49138, PAL50
36STK_006	CUA Heater B-2 Stack	49138, PAL50

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
36STK_007	CUA Heater B-3 Stack	49138, PAL50
36TVD#001	Crude Unit A Atmospheric Tower	49138
36TVD#002	Crude Unit A Rerun Tower	49138
36TVD#003	Crude Unit A Vacuum Tower #1	49138
36TVD#004	Crude Unit A Vacuum Tower #2	49138
36TVV_011	Crude A Vacuum Tower #1 Off Gas Vent	49138
36TVV_012	Crude A Vacuum Tower #2 Off Gas Vent	49138
36VNT#001	Amine Drain Pot Vent	106.261/11/01/2003, 106.262/11/01/2003
38CLT#009	Furf1 Cooling Tower No. 09	49138, PAL50
42TFX#4190	Storage Tank 4190	106.472/09/04/2000
44LRA#002	Wax Loading Rack	49138, PAL50
44LRA#010	Wax Loading Racks #10	49138, PAL50
44TFX#0350	Storage Tank 350	49138, PAL50
44TFX#0410	Storage Tank 410	49138, PAL50
44TFX#0569	Storage Tank 569	49138, PAL50
44TFX#0570	Storage Tank 570	49138, PAL50
44TFX#0582	Storage Tank 582	49138, PAL50
44TFX#0584	Storage Tank 584	49138, PAL50
44TFX#0585	Storage Tank 585	49138, PAL50
44TFX#0698	Storage Tank 698	49138, PAL50
44TFX#0722	Storage Tank 722	49138, PAL50

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
44TFX#0748	Storage Tank 748	49138, PAL50
44TFX#0749	Storage Tank 749	49138, PAL50
44TFX#0798	Storage Tank 798	49138, PAL50
44TFX#1106	Storage Tank 1106	49138, PAL50
44TFX#1107	Storage Tank 1107	49138, PAL50
44TFX#1111	Storage Tank 1111	49138, PAL50
44TFX#1112	Storage Tank 1112	49138, PAL50
44TFX#1118	Storage Tank 1118	49138, PAL50
44TFX#1119	Storage Tank 1119	49138, PAL50
44TFX#1120	Storage Tank 1120	49138, PAL50
44TFX#1121	Storage Tank 1121	49138, PAL50
44TFX#1130	Storage Tank 1130	49138, PAL50
44TFX#1134	Storage Tank 1134	49138, PAL50
44TFX#1135	Storage Tank 1135	49138, PAL50
44TFX#1136	Storage Tank 1136	49138, PAL50
44TFX#1154	Storage Tank 1154	49138, PAL50
44TFX#1155	Storage Tank 1155	49138, PAL50
44TFX#1156	Storage Tank 1156	49138, PAL50
44TFX#1168	Storage Tank 1168	49138, PAL50
44TFX#1169	Storage Tank 1169	49138, PAL50
44TFX#1170	Storage Tank 1170	49138, PAL50

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
44TFX#1171	Storage Tank 1171	49138, PAL50
44TFX#1172	Storage Tank 1172	49138, PAL50
44TFX#1177	Storage Tank 1177	49138
44TFX#1178	Storage Tank 1178	49138, PAL50
44TFX#1179	Storage Tank 1179	49138, PAL50
44TFX#1180	Storage Tank 1180	49138, PAL50
44TFX#1183	Storage Tank 1183	49138, PAL50
44TFX#1184	Storage Tank 1184	49138, PAL50
44TFX#1186	Storage Tank 1186	49138, PAL50
44TFX#1187	Storage Tank 1187	49138, PAL50
44TFX#1188	Storage Tank 1188	49138, PAL50
44TFX#1193	Storage Tank 1193	49138, PAL50
44TFX#1194	Storage Tank 1194	49138, PAL50
44TFX#1197	Storage Tank 1197	49138, PAL50
44TFX#1198	Storage Tank 1198	49138, PAL50
44TFX#1199	Storage Tank 1199	49138, PAL50
44TFX#1200	Storage Tank 1200	49138, PAL50
44TFX#1201	Storage Tank 1201	49138, PAL50
44TFX#1202	Storage Tank 1202	49138, PAL50
44TFX#1203	Storage Tank 1203	49138, PAL50
44TFX#1204	Storage Tank 1204	49138, PAL50

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
44TFX#1205	Storage Tank 1205	49138, PAL50
44TFX#1224	Storage Tank 1224	49138, PAL50
44TFX#1226	Storage Tank 1226	49138, PAL50
44TFX#1227	Storage Tank 1227	49138, PAL50
44TFX#1262	Storage Tank 1262	49138, PAL50
44TFX#1264	Storage Tank 1264	49138, PAL50
44TFX#1273	Storage Tank 1273	49138, PAL50
44TFX#1278	Storage Tank 1278	49138, PAL50
44TFX#1279	Storage Tank 1279	49138, PAL50
44TFX#1280	Storage Tank 1280	49138, PAL50
44TFX#1282	Storage Tank 1282	49138, PAL50
44TFX#1283	Storage Tank 1283	49138, PAL50
44TFX#1285	Storage Tank 1285	49138, PAL50
44TFX#1286	Storage Tank 1286	49138, PAL50
44TFX#1287	Storage Tank 1287	49138, PAL50
44TFX#1288	Storage Tank 1288	49138, PAL50
44TFX#1289	Storage Tank 1289	49138, PAL50
44TFX#1290	Storage Tank 1290	49138, PAL50
44TFX#1368	Storage Tank 1368	49138, PAL50
44TFX#1369	Storage Tank 1369	49138, PAL50
44TFX#1370	Storage Tank 1370	49138, PAL50

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
44TFX#1371	Storage Tank 1371	49138, PAL50
44TFX#1382	Storage Tank 1382	49138, PAL50
44TFX#1386	Storage Tank 1386	49138, PAL50
44TFX#1393	Storage Tank 1393	49138, PAL50
44TFX#2100	Storage Tank 2100	49138, PAL50
44TFX#2124	Storage Tank 2124	49138, PAL50
44TFX#2125	Storage Tank 2125	49138, PAL50
44TFX#2185	Storage Tank 2185	49138, PAL50
44TFX#2186	Storage Tank 2186	49138, PAL50
44TFX#2198	Storage Tank 2198	49138, PAL50
44TFX#2199	Storage Tank 2199	49138, PAL50
44TFX#2222	Storage Tank 2222	49138, PAL50
44TFX#2234	Storage Tank 2234	49138, PAL50
44TFX#5004	Storage Tank 5004	49138, PAL50
44TFX#5005	Storage Tank 5005	49138, PAL50
44TFX#5022	Storage Tank 5022	49138
44TFX#5023	Storage Tank 5023	106.472/09/04/2000
44TIF#1294	Storage Tank 1294	49138, PAL50
44TIF#1295	Storage Tank 1295	49138, PAL50
44TIF#1296	Storage Tank 1296	49138, PAL50
45STR#001	South BRU Stripper	49138, PAL50

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
45TVV#001	South BRU Nitrogen Vent	49138
45VNT_001	South BRU Stripper Vent	49138, PAL50
47CAN#0411	Carbon Adsorption Closed Vent System #0411	49138
47CAN#0412	Carbon Adsorption Closed Vent System #0412	49138
47CAN#0413	Carbon Adsorption Closed Vent System #0413	49138
47CAN#0432	Carbon Adsorption Closed Vent System #0432	49138
47CAN#4184	Carbon Adsorption Closed Vent System #4184	49138
47ENG#001	Utilities Emergency Engine 1	106.511/09/04/2000
47ENG#003	Diesel Pump	106.511/09/04/2000
47ENG#004	Diesel Pump	106.511/09/04/2000
47ENG#005	Diesel Pump	106.512/06/13/2001
47ENG#007	Diesel Pump	106.512/06/13/2001
47ENG#010	Diesel Pump	106.512/06/13/2001
47ENG#011	Diesel Sump Pump	106.512/06/13/2001
47ENG#012	Diesel Sump Pump	106.512/06/13/2001
47ENG#230	Emergency Diesel Pump	106.512/06/13/2001
47OWS#API	EWT API Separator	49138, PAL50
47OWS#CPI	EWT Oil Water Separator	49138
47OWS#DAF	EWP Dissolved Air Floatation Unit	49138, PAL50
47SEW#001	Industrial Wastewater Sewer Ewt	49138
47SMP#4136	Sump Tank	49138, PAL50



### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
47TEF#1380	EWT Off Test Water Ext. Float Roof Tank No. 1380	49138
47TFX#0415	EWT DAF Polymer Fixed Roof Dished Tank No. 415	69/04/04/1975
47TFX#0416	Polymer Tank	69/04/04/1975
47TFX#0417	EWT Fixed Roof Tank No. 417	49138, PAL50
47TFX#0421	EWT DAF Polymer Cone Roof Tank No. 421	69/04/04/1975
47TFX#0432	EWT Fixed Roof Tank No. 432	49138, PAL50
47TFX#0435	Fixed Roof Tank #0435	49138, PAL50
47TFX#4096	EWT Centrifuge Oil Cone Roof Tank No. 4096	49138, PAL50
47TFX#4184	Fixed Roof Tank #4184	49138, PAL50
47TIF#0411	EWT Int. Floating Roof Tank #0411	49138, PAL50
47TIF#0412	EWT Int. Floating Roof Tank #0412	49138, PAL50
47TIF#0413	EWT Int. Floating Roof Tank #0413	49138, PAL50
47TIF#1313	EWT Int. Floating Roof Tank #1313	49138, PAL50
47TIF#4001	EWT Int. Floating Roof Tank #4001	49138, PAL50
47TOT#1379	EWT Off Test Water Open Top Tank No. 1379	49138
48SEW#001	Ethyl Industrial Sewer	49138
48TEF#0713	Ethyl Ext. Floating Roof Tank #0713	49138, PAL50
48TEF#1151	Ethyl Ext. Floating Roof Tank #1151	49138, PAL50, PSDTX768M2, PSDTX932M1
48TEF#1158	Ethyl Ext. Floating Roof Tank #1158	49138, PAL50, PSDTX768M2, PSDTX932M1
48TEF#1165	Ethyl Ext. Floating Roof Tank #1165	49138, PAL50, PSDTX768M2, PSDTX932M1
48TEF#1212	Ethyl Ext. Floating Roof Tank #1212	49138, PAL50, PSDTX768M2, PSDTX932M1

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
48TEF#1251	Ethyl Ext. Floating Roof Tank #1251	49138, PAL50, PSDTX768M2, PSDTX932M1
48TEF#1300	Ethyl Ext. Floating Roof Tank #1300	49138, PAL50, PSDTX768M2, PSDTX932M1
48TEF#1324	Ethyl Ext. Floating Roof Tank #1324	49138, PAL50, PSDTX768M2, PSDTX932M1
48TEF#1325	Ethyl Ext. Floating Roof Tank #1325	49138, PAL50, PSDTX768M2, PSDTX932M1
48TEF#1329	Ethyl Ext. Floating Roof Tank #1329	49138, PAL50, PSDTX768M2, PSDTX932M1
48TEF#1337	Ethyl Ext. Floating Roof Tank #1337	49138, PAL50
48TEF#1349	Ethyl Ext. Floating Roof Tank #1349	49138, PAL50
48TEF#1350	Ethyl Ext. Floating Roof Tank #1350	49138, PAL50, PSDTX768M2, PSDTX932M1
48TEF#1351	Ethyl Ext. Floating Roof Tank #1351	49138, PAL50
48TEF#1362	Ethyl Ext. Floating Roof Tank #1362	49138, PAL50, PSDTX768M2, PSDTX932M1
48TEF#1365	Ethyl Ext. Floating Roof Tank #1365	49138, PAL50
48TEF#1366	Ethyl Ext. Floating Roof Tank #1366	49138, PAL50
48TEF#1389	Ethyl Ext. Floating Roof Tank #1389	49138, PAL50, PSDTX768M2, PSDTX932M1
48TFX#0392	Fixed Roof Tank #0392	49138, PAL50
48TFX#0393	Fixed Roof Tank #0393	49138, PAL50
48TFX#0394	Fixed Roof Tank #0394	49138, PAL50
48TFX#0395	Fixed Roof Tank #0395	49138, PAL50
48TFX#0499	Fixed Roof Tank #0499	49138, PAL50
48TFX#1256	Fixed Roof Tank #1256	49138, PAL50
48TFX#1257	Fixed Roof Tank #1257	49138, PAL50
48TIF#0702	Ethyl Int. Floating Roof Tank #0702	49138, PAL50

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
48TIF#1000	Ethyl Int. Floating Roof Tank #1000	49138, PAL50
48TIF#1334	Ethyl Int. Floating Roof Tank #1334	49138, PAL50, PSDTX768M2, PSDTX932M1
48TIF#1338	Ethyl Int. Floating Roof Tank #1338	49138, PAL50, PSDTX768M2, PSDTX932M1
48TIF#1361	Ethyl Int. Floating Roof Tank #1361	49138, PAL50, PSDTX768M2, PSDTX932M1
48TIF#1390	Ethyl Int. Floating Roof Tank #1390	49138, PAL50
48TIF#5016	Int. Floating Roof Tank #5016	106.478/09/04/2000
48TIF#5026	Ethyl Int. Floating Roof Tank #5026	106.478/09/04/2000
49CAN#T100	Carbon Adsorption Closed Vent System #T100	49138
49CAN#WRR1	Carbon Adsorption Closed Vent System #WRR1	106.261/11/01/2003
49CAN#WRR2	Carbon Adsorption Closed Vent System #WRR2	106.261/11/01/2003
49CAN#WRR3	Carbon Adsorption Closed Vent System #WRR3	106.261/11/01/2003
49CAN#WRR4	Carbon Adsorption Closed Vent System #WRR4	106.261/11/01/2003
49ENG#001	North Tanks Engine 1	106.512/06/13/2001
49SEW#001	OMCC1 Industrial Sewer	49138
49TEF#0590	OMCC1 Ext. Floating Roof Tank #0590	49138, PAL50
49TEF#0718	OMCC1 Ext. Floating Roof Tank #0718	49138, PAL50
49TEF#1215	OMCC1 Ext. Floating Roof Tank #1215	49138, PAL50, PSDTX768M2, PSDTX932M1
49TEF#1284	OMCC1 Ext. Floating Roof Tank #1284	49138, PAL50
49TEF#1314	OMCC1 Ext. Floating Roof Tank #1314	49138, PAL50, PSDTX768M2, PSDTX932M1
49TEF#1335	OMCC1 Ext. Floating Roof Tank #1335	49138, PAL50, PSDTX768M2, PSDTX932M1
49TEF#1352	OMCC1 Ext. Floating Roof Tank #1352	49138, PAL50

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
49TEF#1377	OMCC1 Ext. Floating Roof Tank #1377	49138, PAL50, PSDTX768M2, PSDTX932M1
49TEF#1378	OMCC1 Ext. Floating Roof Tank #1378	49138, PAL50, PSDTX768M2, PSDTX932M1
49TEF#1381	OMCC1 Ext. Floating Roof Tank #1381	49138, PAL50
49TEF#5013	External Floating Roof Tank #5013	49138, PAL50
49TEF#5015	External Floating Roof Tank #5015	49138, PAL50
49TEF#5021	Ext. Floating Roof Tank #5021	106.478/09/04/2000
49TEF#5024	OMCC1 Ext. Floating Roof Tank #5024	49138
49TEF#5027	External Floating Roof Tank #5027	106.478/09/04/2000
49TEF#5048	OMCC-1 Ext. Floating Roof Tank #5048	106.478/09/04/2000
49TFX#002	Diesel Fuel Tank	106.472/09/04/2000
49TFX#0331	Fixed Roof Tank #0331	49138, PAL50
49TFX#0333	Fixed Roof Tank #0333	49138, PAL50
49TFX#0334	Fixed Roof Tank #0334	49138, PAL50
49TFX#0593	Fixed Roof Tank #0593	49138, PAL50
49TFX#0700	Fixed Roof Tank #0700	49138, PAL50
49TFX#0705	Fixed Roof Tank #0705	49138, PAL50
49TFX#0754	Fixed Roof Tank #0754	49138, PAL50
49TFX#0759	OMCC1 Fixed Roof Tank #0759	49138, PAL50
49TFX#0764	Fixed Roof Tank #0764	49138
49TFX#0765	OMCC1 Fixed Roof Tank #0765	49138, PAL50
49TFX#0766	OMCC1 Fixed Roof Tank #0766	49138, PAL50

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
49TFX#1143	Fixed Roof Tank #1143	49138, PAL50
49TFX#1144	Fixed Roof Tank #1144	49138, PAL50
49TFX#1145	Fixed Roof Tank #1145	49138, PAL50
49TFX#1222	Fixed Roof Tank #1222	49138, PAL50
49TFX#1228	Fixed Roof Tank #1228	49138, PAL50
49TFX#1238	Fixed Roof Tank #1238	49138, PAL50
49TFX#1239	Fixed Roof Tank #1239	49138, PAL50
49TFX#1260	Fixed Roof Tank #1260	49138, PAL50
49TFX#1265	Fixed Roof Tank #1265	49138, PAL50
49TFX#1359	Fixed Roof Tank #1359	49138, PAL50
49TFX#1367	Fixed Roof Tank #1367	49138, PAL50
49TFX#1391	Fixed Roof Tank #1391	49138, PAL50
49TFX#1700	Fixed Roof Tank #1700	49138, PAL50
49TFX#4198	Fixed Roof Tank #4198	106.478/03/14/1997
49TFX#5002	Fixed Roof Tank #5002	49138, PAL50
49TFX#5003	OMCC1 Fixed Roof Tank #5003	49138, PAL50
49TFX#5006	Fixed Roof Tank #5006	49138, PAL50
49TFX#5007	Fixed Roof Tank #5007	49138, PAL50
49TFX#5009	Fixed Roof Tank #5009	49138, PAL50
49TFX#5010	Fixed Roof Tank #5010	49138, PAL50
49TFX#5011	Fixed Roof Tank #5011	49138, PAL50

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
49TFX#5012	Fixed Roof Tank #5012	49138, PAL50
49TFX#5014	Fixed Roof Tank #5014	49138, PAL50
49TFX#5017	Fixed Roof Tank #5017	106.478/09/04/2000
49TFX#5018	Fixed Roof Tank #5018	106.478/09/04/2000
49TFX#5025	Fixed Roof Tank #5025	49138, PAL50
49TFX#5028	Fixed Roof Tank #5028	106.472/09/04/2000
49TFX#T100	Fixed Roof Tank T100	49138, PAL50
49TFX#WRR1	Recovery Tank #WRR1	106.261/11/01/2003
49TFX#WRR2	Recovery Tank #WRR2	106.261/11/01/2003
49TFX#WRR3	Recovery Tank #WRR3	106.261/11/01/2003
49TFX#WRR4	Recovery Tank #WRR4	106.261/11/01/2003
49TIF#0594	OMCC1 Int. Floating Roof Tank #0594	49138, PAL50
49TIF#1269	OMCC1 Int. Floating Roof Tank #1269	49138, PAL50
50BLW#010	OMCC2 Blowdown System	49138
50SEW#001	OMCC2 Industrial Sewer	49138
50TEF#1375	OMCC2 Ext. Floating Roof Tank #1375	49138, PAL50
50TEF#2209	OMCC2 Ext. Floating Roof Tank #2209	49138, PAL50, PSDTX768M2, PSDTX932M1
50TEF#2210	OMCC2 Ext. Floating Roof Tank #2210	49138, PAL50, PSDTX768M2, PSDTX932M1
50TEF#2211	OMCC2 Ext. Floating Roof Tank #2211	49138, PAL50
50TEF#2212	OMCC2 Ext. Floating Roof Tank #2212	49138, PAL50, PSDTX768M2, PSDTX932M1
50TEF#2213	OMCC2 Ext. Floating Roof Tank #2213	49138, PAL50, PSDTX768M2, PSDTX932M1

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
50TEF#2223	OMCC2 Ext. Floating Roof Tank #2223	49138, PAL50, PSDTX768M2, PSDTX932M1
50TEF#2225	OMCC2 Ext. Floating Roof Tank #2225	49138, PAL50, PSDTX768M2, PSDTX932M1
50TEF#2228	OMCC2 Ext. Floating Roof Tank #2228	49138, PAL50
50TEF#2235	OMCC2 Ext. Floating Roof Tank #2235	49138, PAL50
50TEF#2236	OMCC2 Ext. Floating Roof Tank #2236	49138, PAL50
50TEF#2237	OMCC2 Ext. Floating Roof Tank #2237	49138, PAL50
50TEF#2238	OMCC2 Ext. Floating Roof Tank #2238	49138, PAL50
50TEF#2239	OMCC2 Ext. Floating Roof Tank #2239	49138, PAL50
50TEF#5008	OMCC2 Ext. Floating Roof Tank #5008	49138, PAL50
50TEF#5038	OMCC2 Ext. Floating Roof Tank #5038	106.472/09/04/2000
50TFX#0332	OMCC2 Fixed Roof Tank #0332	49138, PAL50
50TFX#0357	OMCC2 Fixed Roof Tank #0357	49138
50TFX#0358	OMCC2 Fixed Roof Tank #0358	49138
50TFX#0359	OMCC2 Fixed Roof Tank #0359	49138
50TFX#0363	OMCC2 Fixed Roof Tank #0363	49138, PAL50
50TFX#0491	OMCC2 Fixed Roof Tank #0491	49138, PAL50
50TFX#2136	OMCC2 Fixed Roof Tank #2136	49138, PAL50
50TFX#2206	OMCC2 Fixed Roof Tank #2206	49138, PAL50
50TFX#2207	OMCC2 Fixed Roof Tank #2207	49138, PAL50
50TIF#2133	OMCC2 Int. Floating Roof Tank #2133	49138, PAL50
50TIF#2134	OMCC2 Int. Floating Roof Tank #2134	49138, PAL50

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
50TIF#2203	OMCC2 Int. Floating Roof Tank #2203	49138, PAL50
50TIF#2214	OMCC2 Int. Floating Roof Tank #2214	49138, PAL50
50TPR#2230	OMCC2 Press. Spherical Tank #2230	49138, PAL50
50TPR#2231	OMCC2 Press. Spherical Tank #2231	49138, PAL50
50TPR#2232	OMCC2 Press. Spherical Tank #2232	49138, PAL50
50TSP#2140	OMCC2 Spherical Tank #2140	49138, PAL50
50TSP#2142	OMCC2 Spherical Tank #2142	49138, PAL50
50TSP#2154	OMCC2 Spherical Tank #2154	49138, PAL50
50TSP#2155	OMCC2 Spherical Tank #2155	49138, PAL50
50TSP#2159	OMCC2 Spherical Tank #2159	49138, PAL50
50TSP#2170	OMCC2 Spherical Tank #2170	49138, PAL50
50TSP#2171	OMCC2 Spherical Tank #2171	49138, PAL50
50TSP#2172	OMCC2 Spherical Tank #2172	49138, PAL50
50TSP#2216	OMCC2 Spherical Tank #2216	49138, PAL50
50TSP#2217	OMCC2 Spherical Tank #2217	49138, PAL50
50TSP#2218	OMCC2 Spherical Tank #2218	49138, PAL50
50TSP#2219	OMCC2 Spherical Tank #2219	49138, PAL50
50TSP#2220	OMCC2 Spherical Tank #2220	49138, PAL50
50TSP#2233	OMCC2 Spherical Tank #2233	49138, PAL50
51PON#SIB	Secondary Impounding Basin	49138, PAL50
51TVT#311D	EWT E. Cassion Hor. Drum Tank No. 311 Diesel	49138, PAL50



### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
52CAN#001	Wharf 2 Sump With Carbon Adsorber	49138, PAL50
52LBS#001	Wharf 2 Loading Operations	49138, PAL50
52SEW#001	Wharf 2 Industrial Sewer	49138
53CAN#001	Wharf 4 Sump with Carbon Adsorber	49138, PAL50
53LBS#001	Wharf 4 Loading Operations	49138, PAL50
53SEW#001	Wharf 4 Industrial Sewer	49138
54CAN#001	Wharf 5 Sump with Carbon Adsorber	49138, PAL50
54LBS#001	Wharf 5 Loading Operations	49138, PAL50
54SEW#001	Wharf 5 Industrial Sewer	49138
55BLW#007	Utility Blowdown System No. 007	49138
55BLW#010	Utility Blowdown System No. 010	49138
55BRN#HRSG	Heat Recovery Steam Generator (Duct Burner)	49138, PAL50, PSDTX799M1
55SEW#001	Industrial Waste Water Sewer Cogen	49138
55STK_001	Cogen Turbine and Duct Burner Stack	49138, PAL50, PSDTX799M1
55TRB#GTG	Cogen Gas Turbine Generator	49138, PSDTX799M1
56BLR#025	Boiler 25	49138, PSDTX1506M1
56BLR#026	Boiler 26	49138, PSDTX1506M1
56BLW#007	Power Plant 2 Blowdown System No. 007	49138
56CTL#027	Cooling Tower No. 27	49138, PAL50
56CTL#034	PP2 Cooling Tower No. 34	49138, PSDTX1506M1
56SEW#001	Industrial Wastewater Sewer Power Plant No. 2	49138

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
56STK_025	Boiler 25 Stack	49138, GHGPSDTX161M1, PSDTX1506M1
56STK_026	Boiler 26 Stack	49138, GHGPSDTX161M1, PSDTX1506M1
56TFX#5048	Aqueous Ammonia Tank	49138, PSDTX1506M1
57BLR#033	Power Plant 3 Boiler No. 33	49138, PAL50
57BLR#034	Power Plant 3 Boiler No. 34	49138, PAL50
57SEW#001	Industrial Wastewater Sewer Power Plant No. 3	49138
57STK_033	Power Plant 3 Boiler No. 33 Stack	49138, PAL50
57STK_034	Power Plant 3 Boiler No. 34 Stack	49138, PAL50
58ENG#0615	Firewater Pump Engine 615	49138, PAL50
58ENG#0644	Firewater Pump Engine 644	49138, PAL50
58ENG#0646	Firewater Pump Engine 646	49138, PAL50
58TVT#612D	Firewater Pump Diesel Tank 612	59/05/08/1972
58TVT#613D	Firewater Pump Diesel Tank 613	59/05/08/1972
58TVT#614D	Firewater Pump Diesel Tank 614	59/05/08/1972
58TVT#615D	Firewater Pump Diesel Tank 615	59/05/08/1972
58TVT#644D	Firewater Pump Diesel Tank 644	59/05/08/1972
58TVT#646D	Firewater Pump Diesel Tank 646	59/05/08/1972
59CTL#024	Cooling Tower No. 24	49138, PAL50
59SEW#001	Industrial Wastewater Sewer ACS	49138
60FLR#001	Flare System CHD-1 Flare	49138, PAL50
60FLR#002	Flare System CHD-2 Flare	49138, PAL50

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
60FLR#003	Flare System High Pressure Flare	49138, PAL50
60FLR#004	Flare System Coker Flare	49138, PAL50
60FLR#005	Flare System Low Pressure Flare	49138, PAL50
60FLR#006	Flare System No. 6 Flare	49138, PAL50
60FLR#008	Flare System FCC Flare	49138, PAL50
60FLR#009	Marine Vapor Flare	49138, PAL50
60FLR#010	Flare System No.10 Flare	49138
60FLR#012	No. 12 Flare	49138, GHGPSDTX161M1, PSDTX1506M1
61BRN#001	Cogen Duct Burner #1	49138, PAL50
61BRN#002	Cogen Duct Burner #2	49138, PAL50
61BRN#003	Cogen Duct Burner #3	49138, PAL50
61CTL#031	Cooling Tower # 31	49138
61SEW#001	Industrial Sewer System	49138
61STK_001	Turbine 1 Stack	49138, PAL50
61STK_002	Turbine 2 Stack	49138, PAL50
61STK_003	Turbine 3 Stack	49138, PAL50
61TFX#4162	Demineralization Water Tank	49138
61TFX#4164	Amine Tank	49138, PAL50
61TLO#GTG1	Turbine 1 Lube Oil Tank	49138
61TLO#GTG2	Turbine 2 Lube Oil Tank	49138
61TLO#GTG3	Turbine 3 Lube Oil Tank	49138

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
61TRB#001	Cogen Turbine #1	49138, PAL50
61TRB#002	Cogen Turbine #2	49138, PAL50
61TRB#003	Cogen Turbine #3	49138, PAL50
61TVT#001	Ammonia Storage Tank	106.472/03/14/1997
61VNT_001	CTG No. 1 Lube Oil Vent	49138, PAL50
61VNT_002	CTG No. 2 Lube Oil Vent	49138, PAL50
61VNT_003	CTG No. 3 Lube Oil Vent	49138, PAL50
62ENG#001	Bob Emergency Generator	106.511/09/04/2000
62LFS#001	Lift Station No. 1	106.532/09/04/2000
62LFS#002	Lift Station No. 2	106.532/09/04/2000
62LFS#003	Lift Station No. 3	106.532/09/04/2000
62LFS#004	Lift Station No. 4	106.532/09/04/2000
62LFS#005	Lift Station No. 5	106.532/09/04/2000
62REM#001	Refinery Remediation Activities	49138
62SEW#001	Industrial Wastewater Sewer General	49138
62TFX#STG1	Fleet Refueling Gasoline Storage Tank	49138, PAL50
63BLR#001	Lab Hot Water Boiler #1	106.183/09/04/2000
63BLR#002	Lab Hot Water Boiler #2	106.183/09/04/2000
63SMP#001	Lab Wastewater Sump	106.473/09/04/2000
63SMP#002	Recovered Hydrocarbon Sump	106.473/09/04/2000
63SMP#003	Chlorinated Hydrocarbon Waste Sump	106.261/11/01/2003, 106.262/11/01/2003

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
63TFX#005	Alkylate Storage Tank	106.473/09/04/2000
63TIF#004	Recovered Hydrocarbon Tank	106.473/09/04/2000
63TIF#1373	Lab Sump Tank	49138, PAL50
63TOT#006	Chlorinated Hydrocarbon Waste Tote	106.261/11/01/2003, 106.262/11/01/2003
65BLW#001	Coldbox Blowdown System	49138
65HTR#001	Cold Box Regeneration Heater	49138, PAL50
65SEW#001	Cold Box Sewer System	49138
65STK_001	Cold Box Regeneration Heater Stack	49138, PAL50
65TPR#A710	Ptr3 Isopentane Tank	106.476/03/14/1997
65TPR#A720	Ptr3 Propane Tank	106.476/03/14/1997
65TPR#A740	Ptr3 Methane Tank	106.476/03/14/1997
66BLW#008	NSU Blowdown System	49138, PSDTX992M2
66SEW#001	NSU Sewer System	49138, PSDTX992M2
66TVD#001	NSU LCN Splitter (D10)	49138, PSDTX992M2
66TVD#002	NSU ICN Splitter (D30)	49138, PSDTX992M2
67ENG#005	Diesel Pump	106.511/09/04/2000
67ENG#006	Diesel Pump	106.511/09/04/2000
67ENG#009	Diesel Engine	106.511/09/04/2000
67ENG#010	Yard Utilities Diesel Air Compressor	106.512/06/13/2001
67ENG#014	Diesel Compressor	106.512/06/13/2001
67ENG#017	Diesel Pump	106.512/06/13/2001

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
69HTR#001	SF Heater F-100	49138, PAL50
69HTR#002	SF Heater F-101	49138, PAL50
69STK_001	SH Heater F-100 Stack	49138, PAL50
69STK_002	SH Heater F-101 Stack	49138, PAL50
70BLW#012	CUC Blowdown System	49138, PSDTX1506M1
70CTL#032	CUC Cooling Tower No. 32	49138, PSDTX1506M1
70HTR#001	APS Heater F-1001	49138, PSDTX1506M1
70HTR#001	KHDT Feed Preheater F-2001	49138, PSDTX1506M1
70SEW#001	CUC Sewer	49138, PSDTX1506M1
70STK_001	APS Heater F-1001 Stack	49138, GHGPSDTX161M1, PSDTX1506M1
70TEF#4208	BRU Ext. Floating Roof Tank #4208	49138, PSDTX1506M1
70TEF#5033	DHDT Ext. Floating Roof Tank #5033	49138, PSDTX1506M1
70TFX#5035	CUC Additive Tank #1	49138, PSDTX1506M1
70TFX#5036	CUC Additive Tank #2	49138, PSDTX1506M1
70TFX#5037	CUC Additive Tank #3	49138, PSDTX1506M1
71HTR#001	KHDT Feed Preheater F-2001	49138, PSDTX1506M1
71HTR#002	KHDT Stripper Reboiler F-2002	49138, PSDTX1506M1
71STK_001	KHDT Feed Preheater F-2001 Stack	49138, GHGPSDTX161M1, PSDTX1506M1
71STK_002	KHDT Stripper Reboiler F-2002 Stack	49138, GHGPSDTX161M1, PSDTX1506M1
72HTR#001	DHDT Feed Preheater F-3001	49138, PSDTX1506M1
72HTR#002	DHDT Stripper Reboiler F-3002	49138, PSDTX1506M1

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
72STK_001	DHDT Feed Preheater F-3001 Stack	49138, GHGPSDTX161M1, PSDTX1506M1
72STK_002	DHDT Stripper Reboiler F-3002 Stack	49138, GHGPSDTX161M1, PSDTX1506M1
74LBS#001	Wharf No. 6 Loading Operations	49138, PSDTX1506M1
99MSS#001	T/A to Atmosphere	49138, PAL50
99MSS#002	Equipment Maintenance	49138, PAL50
99MSS#003	Tank MSS	49138, PAL50
99MSS#004	Tank COS	49138, PAL50
99MSS#005	Tank TA	49138, PAL50
99MSS#006	Tank DM	49138, PAL50
99MSS#007	Diesel Pump	49138, PAL50
99MSS#008	Degassing Combustion	49138, PAL50
99MSS#009	Vacuum Truck < 0.5 psia	49138, PAL50
99MSS#010	Vacuum Truck > 0.5 psia	49138, PAL50
99MSS#011	Vacuum Truck > 0.5 Intermittent	49138, PAL50
99MSS#012	Dry Blasting	49138, PAL50
99MSS#013	Consumables	49138, PAL50
99MSS#014	Frac Tank	49138, PAL50
PRO62SBLSP	South Plant Blasting and Painting	49138
PRO-CUCBRU	CUC BRU Stripper Process	49138, PSDTX1506M1
PROFCCU	FCCU Process	49138, PSDTX992M2
PRO-NBRUST	North BRU Stripper Tower	49138

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PROPTR3	Ptr3 Process	49138, PSDTX802M1
PROPTR4	Ptr4 Process	49138, PSDTX768M2
PRO-SBRUST	South BRU Stripper Process	49138
PROSRU1	SRU 1 Process	49138, PSDTX768M2
PROSRU23	SRU 2/3 Process	49138, PSDTX768M2
REFFUG#001	Refinery Fugitive Equipment	49138, PAL50, 106.454/11/01/2001, GHGPSDTX161M1, PSDTX1506M1, PSDTX768M2, PSDTX802M1, PSDTX932M1, PSDTX992M2



**Appendix A**

**Acronym List ..... 696**

## Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM .....	actual cubic feet per minute
AMOC .....	alternate means of control
ARP .....	Acid Rain Program
ASTM .....	American Society of Testing and Materials
B/PA .....	Beaumont/Port Arthur (nonattainment area)
CAM .....	Compliance Assurance Monitoring
CD .....	control device
CEMS .....	continuous emissions monitoring system
CFR .....	Code of Federal Regulations
COMS .....	continuous opacity monitoring system
CVS .....	closed vent system
D/FW .....	Dallas/Fort Worth (nonattainment area)
EP .....	emission point
EPA .....	U.S. Environmental Protection Agency
EU .....	emission unit
FCAA Amendments .....	Federal Clean Air Act Amendments
FOP .....	federal operating permit
gr/100 scf .....	grains per 100 standard cubic feet
HAP .....	hazardous air pollutant
H/G/B .....	Houston/Galveston/Brazoria (nonattainment area)
H <sub>2</sub> S .....	hydrogen sulfide
ID No. ....	identification number
lb/hr .....	pound(s) per hour
MACT .....	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr .....	Million British thermal units per hour
NA .....	nonattainment
N/A .....	not applicable
NADB .....	National Allowance Data Base
NESHAP .....	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO <sub>x</sub> .....	nitrogen oxides
NSPS .....	New Source Performance Standard (40 CFR Part 60)
NSR .....	New Source Review
ORIS .....	Office of Regulatory Information Systems
Pb .....	lead
PBR .....	Permit By Rule
PEMS .....	predictive emissions monitoring system
PM .....	particulate matter
ppmv .....	parts per million by volume
PRO .....	process unit
PSD .....	prevention of significant deterioration
psia .....	pounds per square inch absolute
SIP .....	state implementation plan
SO <sub>2</sub> .....	sulfur dioxide
TCEQ .....	Texas Commission on Environmental Quality
TSP .....	total suspended particulate
TVP .....	true vapor pressure
U.S.C. ....	United States Code
VOC .....	volatile organic compound

**Appendix B**

**Major NSR Summary Table ..... 698**

**Major NSR Summary Table**

Permit Numbers: 49138, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, PSDTX992M2, and PSDTX1506M1					Issuance Date: 01/10/2020		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
See Attachment D	See Attachment D	Final VOC MSS Cap	1427.29	99.07	13, 90, 91, 92, 93, 94, 99, 102	13, 89, 90, 91, 92, 93, 94, 95, 96, 98, 99, 102	13
		Final VOC Flex Cap	5156.31	4153.12	5, 13, 14, 15, 17, 18, 25, 42, 43, 49, 60, 64, 65, 69, 76, 77, 82, 83, 84, 85, 86	5, 6, 13, 17, 18, 65, 69, 82, 83, 86, 87	13, 17, 69, 86
See Attachment D	See Attachment D	Final NO <sub>x</sub> Emission Cap	948.18	34.97	99, 102	89, 99, 102	
		Final NO <sub>x</sub> Flex Cap	1028.46	1460.48	5, 17, 18, 19, 25, 71, 72, 76, 83, 84, 86	5, 6, 17, 18, 71, 72, 83, 86, 87, 98	71, 72, 86
See Attachment D	See Attachment D	Final CO MSS Cap (8)	55926.75	37.70	13, 20, 73, 99, 102	13, 20, 73, 89, 98, 99, 100	13, 20
		Final CO Flex Cap	3919.77	7564.64	5, 13, 17, 18, 19, 20, 25, 42, 43, 71, 73, 76, 83, 84, 86	5, 6, 13, 17, 18, 20, 71, 73, 83, 86, 87	13, 20, 71, 86
See Attachment D	See Attachment D	Final SO <sub>2</sub> MSS Cap	60.48	3.21	13, 20, 50, 58, 99, 102	13, 20, 50, 58, 89, 98, 99, 102	20, 50
		Final SO <sub>2</sub> Flex Cap	15649.92	2160.43	5, 9, 13, 17, 18, 19, 20, 25, 26, 27, 39, 42, 43, 50, 56, 58, 59, 71, 76, 81, 83, 84, 86	5, 6, 9, 13, 17, 18, 20, 50, 56, 58, 59, 71, 81, 83, 86, 87	13, 20, 50, 71, 86
See Attachment D	See Attachment D	Final PM <sub>2.5</sub> / PM <sub>10</sub> MSS Cap(5)	28.42	6.23	13, 20, 99, 102	13, 20, 84, 89, 98, 99, 101, 102	13, 20
		Final PM <sub>2.5</sub> / PM <sub>10</sub> Flex Cap(5)	824.76	1482.26	5, 13, 16, 18, 20, 23, 25, 76, 84, 86	5, 6, 13, 16, 18, 20, 84, 86, 87	13, 20, 86
See Attachment D	See Attachment D	Final PM MSS Cap	28.42	6.23	13, 20, 99, 102	13, 20, 84, 89, 98, 99, 101, 102	13, 20

**Major NSR Summary Table**

Permit Numbers: 49138, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, PSDTX992M2, and PSDTX1506M1					Issuance Date: 01/10/2020		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		Final PM Flex Cap	1020.67	1916.17	5, 13, 16, 17, 18, 20, 21, 23, 25, 34, 38, 76, 79, 80, 84, 86	5, 6, 13, 16, 18, 20, 84, 86, 87	13, 20, 86
See Attachment D	See Attachment D	Final H <sub>2</sub> S MSS Cap	3.03	0.70	13, 50, 58, 59, 99, 102	13, 50, 58, 59, 89, 98, 99, 102	13, 50
		Final H <sub>2</sub> S Flex Cap	157.03	15.61	5, 9, 13, 17, 25, 39, 43, 47, 50, 58, 59, 70, 76, 78, 81, 83, 86	5, 6, 9, 13, 17, 50, 58, 59, 70, 81, 83, 86, 87	13, 17, 50, 86
See Attachment D	See Attachment D	Final H <sub>2</sub> SO <sub>4</sub> MSS Cap	0.92	0.31	99, 102	89, 99, 102	
		Final H <sub>2</sub> SO <sub>4</sub> Flex Cap	119.95	304.97	5, 25, 84, 86	5, 86, 87	
See Attachment D	See Attachment D	Final NH <sub>3</sub> MSS Cap	663.78	1.10	102	89, 102	
		Final NH <sub>3</sub> Flex Cap	115.53	367.97	5, 28, 68, 70, 71, 74, 76, 84, 85, 86	5, 68, 70, 71, 74, 85, 86, 87	71, 85, 86
04STK_001	Coker East Heater (B-101-B)	NO <sub>x</sub>	9.80	31.10	5, 86	5, 6, 86, 87	86
04STK_002	Coker Middle Heater (B-101-A)	NO <sub>x</sub>	9.80	32.32	5, 86	5, 6, 86, 87	86
04STK_003	Coker West Heater (B-101-C)	NO <sub>x</sub>	9.80	30.22	5, 86	5, 6, 86, 87	86
04STK_004	Coker Far West Heater(BA-3000)	NO <sub>x</sub>	13.50	38.79	5	5, 6, 87	

**Major NSR Summary Table**

Permit Numbers: 49138, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, PSDTX992M2, and PSDTX1506M1					Issuance Date: 01/10/2020		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
05STK_001	CUB Atmospheric Heater (H-3101)	NO <sub>x</sub>	94.32	344.27	3, 5, 71, 86	3, 5, 6, 71, 86, 87	3, 71, 86
05STK_002	CUB South Vacuum Heater (H-3102)	NO <sub>x</sub>	17.90	62.50	3, 5	3, 5, 6, 87	3
05STK_004	CUB North Vacuum Heater (H-2001)	NO <sub>x</sub>	14.40	50.60	3, 5, 86	3, 5, 6, 86, 87	3
06STK_002	FCC Feed Preheater Heater (B-2)	NO <sub>x</sub>	20.15	88.27	5, 71	5, 6, 71, 87	71
06STK_003	FCCU Scrubber Stack	HCN	18.19	77.27	19, 86	19, 86	86
08STK_003	GP5E Propane Dryer Heater	NO <sub>x</sub>	0.14	0.62	5	5, 6, 87	
15STK_001	CHD1 Charge Heater (B-1)	NO <sub>x</sub>	16.65	47.04	5	5, 6, 87	
20STK_001	HDC1st Stage West Heater (H-3301)	NO <sub>x</sub>	1.55	6.05	3, 5, 86	87	3
20STK_002	HDC 1st Stage East Heater (H-3302)	NO <sub>x</sub>	3.00	12.10	3, 5	3, 5, 6, 87	3
20STK_003	HDC 2nd Stage	NO <sub>x</sub>	3.00	12.10	3, 5	3, 5, 6, 87	3

**Major NSR Summary Table**

Permit Numbers: 49138, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, PSDTX992M2, and PSDTX1506M1					Issuance Date: 01/10/2020		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Heater (H-3303)						
20STK_004	HDC Stabilizer Heater (H-3304)	NO <sub>x</sub>	11.76	49.93	5, 71	5, 6, 71, 87	71
20STK_005	HDC Splitter Heater (H-3305)	NO <sub>x</sub>	8.02	19.15	5	5, 6, 87	
21STK_001	SAM Methanator Heater	NO <sub>x</sub>	0.32	0.89	5	5, 6, 87	
25STK_001	Isom Pretreater Charge Heater (B-1)	NO <sub>x</sub>	5.10	17.08	5, 86	5, 6, 86, 87	86
25STK_003	Isom Reactor Charge Heater (B-401)	NO <sub>x</sub>	2.50	7.88	5	5, 6, 87	
25STK_004	Isom Regeneration Heater (B-402)	NO <sub>x</sub>	0.40	1.75	5	5, 6, 87	
27STK_001	PTR3 Pretreater Heater (H-3401)	NO <sub>x</sub>	11.04	48.36	5	5, 6, 87	
27STK_002	PTR3 Stripper Reboiler (H-3402)	NO <sub>x</sub>	8.36	36.62	5	5, 6, 87	
27STK_003	PTR3 Reformer Heater (H-3403,4,5,6)	NO <sub>x</sub>	77.40	211.03	5, 71, 86	5, 6, 71, 86, 87	71, 86

**Major NSR Summary Table**

Permit Numbers: 49138, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, PSDTX992M2, and PSDTX1506M1					Issuance Date: 01/10/2020		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
27STK_004	PTR3 Debutanizer Reboiler(H-3408)	NO <sub>x</sub>	5.40	21.02	5	5, 6, 87	
28STK_001	PTR4 Pretreater Charge (B-7001)	NO <sub>x</sub>	12.00	42.05	5	5, 6, 87	
28STK_001	PTR4 Depent Reboiler (B-7002)	NO <sub>x</sub>	13.08	55.45	5	5, 6, 87	
28STK_003	PTR4 Reformer Heater (B-7101-4)	NO <sub>x</sub>	105.16	326.14	5, 71, 86	5, 6, 71, 86, 87	71, 86
28STK_003	PTR4 Debutanizer Reboiler (B-7201)	NO <sub>x</sub>	4.90	17.30	5, 71, 86	5, 6, 71, 86, 87	71, 86
36STK_002e, 36STK_002w, 36STK_002i	CUA Atmospheric Heater B1-A	NO <sub>x</sub>	25.29	100.74	5, 71	5, 6, 71, 87	71
36STK_004e, 36STK_004w, 36STK_004i	CUA Atmospheric Heater B1-B	NO <sub>x</sub>	25.29	100.74	5, 71	5, 6, 71, 87	71
36STK_006	CUA Vacuum Heater B-2	NO <sub>x</sub>	5.70	24.97	5	5, 6, 87	
36STK_007	CUA Vacuum	NO <sub>x</sub>	5.70	23.65	5	5, 6, 87	



**Major NSR Summary Table**

Permit Numbers: 49138, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, PSDTX992M2, and PSDTX1506M1					Issuance Date: 01/10/2020		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Heater B-3						
38STK_001	Furf 1 Extract Heater B-1	NO <sub>x</sub>	3.40	12.70	5	5, 6, 87	
38STK_001	Furf 1 Extract Heater B-2	NO <sub>x</sub>	(6)	(6)	5	5, 6, 87	
38STK_002	Furf 1 Extract Heater B2-A	NO <sub>x</sub>	2.50	9.37	5	5, 6, 87	
39STK_001	Furf 2 Extract Heater BA-1	NO <sub>x</sub>	6.83	27.47	5	5, 6, 87	
39STK_001	Furf 2 Extract Heater BA-2	NO <sub>x</sub>	(7)	(7)	5	5, 6, 87	
39STK_002	Furf 2 Extract Heater B-103	NO <sub>x</sub>	1.50	5.87	5	5, 6, 87	
40STK_001	HDF Lube Oil Heater (10-B-1)	NO <sub>x</sub>	0.64	2.80	5	5, 6, 87	
40STK_002	HDF Paraffin Wax Heater (20-B-1)	NO <sub>x</sub>	0.51	2.21	5	5, 6, 87	
47ENG_225	SIB Engine 225	NO <sub>x</sub>	0.51	2.25	5	5, 6	
47ENG_226	SIB Engine 226	NO <sub>x</sub>	0.51	2.25	5	5, 6	
47ENG_227	SIB Engine 227	NO <sub>x</sub>	0.51	2.25	5	5, 6	
47ENG_228	SIB Engine 228	NO <sub>x</sub>	0.51	2.25	5	5, 6	
47ENG_229	SIB Engine 229	NO <sub>x</sub>	0.51	2.25	5	5, 6	

**Major NSR Summary Table**

Permit Numbers: 49138, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, PSDTX992M2, and PSDTX1506M1					Issuance Date: 01/10/2020		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
55STK_001	PP2 COGEN Turbine (24)	SO <sub>3</sub>	2.00	4.40	5, 25, 26, 27	5, 87	
55FUG_001	PP2 COGEN Fugitives	VOC	0.2	0.86	5	5	
		NH <sub>3</sub>	0.03	0.14	5	5	
		H <sub>2</sub> S	<0.01	<0.01	5	5	
57STK_033	PP3 Boiler No. 33	NO <sub>x</sub>	42.78	187.38	5, 73	5, 6, 73, 87	
57STK_034	PP3 Boiler No. 34	NO <sub>x</sub>	42.78	187.38	5, 73	5, 6, 73, 87	
65STK_001	Cold Box Reactivation Heater	NO <sub>x</sub>	0.23	0.89	5	5, 6, 87	
27FUG_001	PTR3 Fugitive Area	Cl <sub>2</sub>	0.11	0.50	5	5	
27VNT_001	Regenerator Vent	HCl	0.56	3.05	5, 13, 24, 86	5, 13, 86, 87	13, 86
		HCl (During Scrubber Maintenance)	3.29	-	5, 13, 24	5, 13	13
28FUG_001	PTR4 Fugitive Area	Cl <sub>2</sub>	0.10	0.44	5	5	
28VNT_001	PTR4 Reactor Regeneration Vent	Cl <sub>2</sub>	0.40	1.90	5, 13, 86	5, 13, 86, 87	13, 86
		HCl	0.03	0.10	5, 13, 86	5, 13, 86, 87	13, 86
32VNT_002	SRU2/3 No. 2	CS <sub>2</sub>	0.80		5, 13, 39	5, 13	13

**Major NSR Summary Table**

Permit Numbers: 49138, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, PSDTX992M2, and PSDTX1506M1					Issuance Date: 01/10/2020		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Vent (Maintenance)	COS	7.70		5, 13, 39	5, 13	13
32VNT_003	SRU2/3 No. 3 Vent (Maintenance)	CS <sub>2</sub>	0.80		5, 13, 39	5, 13	13
		COS	7.70		5, 13, 39	5, 13	13
32VNT_002 32VNT_003	SRU2/3 No. 2 and No. 3 Vent (Maintenance)	CS <sub>2</sub>	-	0.13	5, 13, 39	5, 13	13
		COS	-	1.79	5, 13, 39	5, 13	13

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

SO<sub>2</sub> - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter, condensable and noncondensable. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter, condensable and noncondensable. Where PM is not listed, it shall be assumed that no PM

greater than 2.5 microns is emitted.

H <sub>2</sub> S	-	hydrogen sulfide
H <sub>2</sub> SO <sub>4</sub>	-	sulfuric acid mist
NH <sub>3</sub>	-	ammonia
SO <sub>3</sub>	-	sulfur trioxide
Cl <sub>2</sub>	-	chlorine
HCl	-	hydrogen chloride
CS <sub>2</sub>	-	carbon disulfide
COS	-	carbonylsulfide
HCN	-	hydrogen cyanide

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) PM<sub>2.5</sub> may be up to 100 percent of PM<sub>10</sub>

(6) Emissions are emitted from the two heaters are emitted from the same stack.

(7) Emissions are emitted from the two heaters are emitted from the same stack.

(8) Annual emissions associated with FCCU Startup without the CO Boiler in operation are represented under the normal emission rate limit (Final CO Flex Cap).

**Major NSR Summary Table**

Permit Number: GHGPSDTX161M1				Issuance Date: 01/10/2020		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
70STK_001	APS Heater F-1001	CO <sub>2</sub> (5)	255,332.24	2, 4, 6, 8, 9, 11	2, 4, 6, 8, 9, 11	
		CH <sub>4</sub> (5)	18.28	2, 4, 6, 8, 9, 11	2, 4, 6, 8, 9, 11	
		N <sub>2</sub> O (5)	3.66	2, 4, 6, 8, 9, 11	2, 4, 6, 8, 9, 11	
		CO <sub>2</sub> e	256,878.44	2, 4, 6, 8, 9, 11	2, 4, 6, 8, 9, 11	
71STK_001	KHDT Feed Preheater F-2001	CO <sub>2</sub> (5)	34,608.29	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		CH <sub>4</sub> (5)	2.48	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		N <sub>2</sub> O (5)	0.50	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		CO <sub>2</sub> e	34,817.86	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
71STK_002	KHDT Stripper Reboiler F-2002	CO <sub>2</sub> (5)	34,608.29	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		CH <sub>4</sub> (5)	2.48	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		N <sub>2</sub> O (5)	0.50	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		CO <sub>2</sub> e	34,817.86	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
72STK_001	DHDT Feed Preheater F-3001	CO <sub>2</sub> (5)	26,917.56	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		CH <sub>4</sub> (5)	1.93	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		N <sub>2</sub> O (5)	0.39	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		CO <sub>2</sub> e	27,080.56	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
72STK_002	DHDT Stripper Reboiler F-3002	CO <sub>2</sub> (5)	26,917.56	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		CH <sub>4</sub> (5)	1.93	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		N <sub>2</sub> O (5)	0.39	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	

Major NSR Summary Table

Permit Number: GHGPSDTX161M1				Issuance Date: 01/10/2020		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO <sub>2</sub> e	27,080.56	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
60FLR_012	No. 12 Flare	CO <sub>2</sub> (5)	30,853.70	6, 9, 11	6, 9, 11	
		CH <sub>4</sub> (5)	102.68	6, 9, 11	6, 9, 11	
		N <sub>2</sub> O (5)	0.34	6, 9, 11	6, 9, 11	
		CO <sub>2</sub> e	33,521.99	6, 9, 11	6, 9, 11	
70FUG_001	CUC Fugitive Area	CH <sub>4</sub> (5)	16.27	7, 11	7, 11	
		CO <sub>2</sub> e	406.67	7, 11	7, 11	
71FUG_001	KHDT Fugitive Area	CH <sub>4</sub> (5)	6.65	7, 11	7, 11	
		CO <sub>2</sub> e	166.29	7, 11	7, 11	
72FUG_001	DHDT Fugitive Area	CH <sub>4</sub> (5)	7.23	7, 11	7, 11	
		CO <sub>2</sub> e	180.69	7, 11	7, 11	
73FUG_001	CUC BRU Fugitive Area	CH <sub>4</sub> (5)	0.23	7, 11	7, 11	
		CO <sub>2</sub> e	5.81	7, 11	7, 11	
74FUG_001	Wharf No. 6 Fugitive Area	CH <sub>4</sub> (5)	0.19	7, 11	7, 11	
		CO <sub>2</sub> e	4.75	7, 11	7, 11	
56STK_025	Boiler 25	CO <sub>2</sub> (5)	179,274.96	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		CH <sub>4</sub> (5)	12.83	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		N <sub>2</sub> O (5)	2.57	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		CO <sub>2</sub> e	180,360.60	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	

**Major NSR Summary Table**

Permit Number: GHGPSDTX161M1				Issuance Date: 01/10/2020		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
56STK_026	Boiler 26	CO <sub>2</sub> (5)	179,274.96	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		CH <sub>4</sub> (5)	12.83	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		N <sub>2</sub> O (5)	2.57	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
		CO <sub>2</sub> e	180,360.60	2, 5, 6, 8, 9, 11	2, 5, 6, 8, 9, 11	
05FUG_001(6)	Crude Unit B Fugitive Area	CH <sub>4</sub> (5)	0.12	7, 11	7, 11	
		CO <sub>2</sub> e	2.90	7, 11	7, 11	
08FUG_001(6)	GP5E Fugitive Area	CH <sub>4</sub> (5)	0.03	7, 11	7, 11	
		CO <sub>2</sub> e	0.71	7, 11	7, 11	
20FUG_001(6)	HDC Fugitive Area	CH <sub>4</sub> (5)	0.09	7, 11	7, 11	
		CO <sub>2</sub> e	2.16	7, 11	7, 11	
25FUG_001(6)	Isomerization Fugitive Area	CH <sub>4</sub> (5)	0.44	7, 11	7, 11	
		CO <sub>2</sub> e	10.88	7, 11	7, 11	
27FUG_001(6)	PTR3 Fugitive Area	CH <sub>4</sub> (5)	0.47	7, 11	7, 11	
		CO <sub>2</sub> e	11.82	7, 11	7, 11	
28FUG_001(6)	PTR4 Fugitive Area	CH <sub>4</sub> (5)	0.01	7, 11	7, 11	
		CO <sub>2</sub> e	0.24	7, 11	7, 11	
48FUG_001(6)	Ethyl Fugitive Area	CH <sub>4</sub> (5)	0.02	7, 11	7, 11	
		CO <sub>2</sub> e	0.59	7, 11	7, 11	
49FUG_001(6)	North Tank Fugitive Area	CH <sub>4</sub> (5)	0.02	7, 11	7, 11	

**Major NSR Summary Table**

Permit Number: GHGPSDTX161M1				Issuance Date: 01/10/2020		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO <sub>2</sub> e	0.59	7, 11	7, 11	
50FUG_001(6)	South Tanks Fugitive Area	CH <sub>4</sub> (5)	0.46	7, 11	7, 11	
		CO <sub>2</sub> e	11.41	7, 11	7, 11	
56FUG_001(6)	Power Plant No.2 Fugitive Area	CH <sub>4</sub> (5)	2.13	7, 11	7, 11	
		CO <sub>2</sub> e	53.34	7, 11	7, 11	
60FUG_003(6)	Nos. 6, 7, and 10 Flare Fugitive Area	CH <sub>4</sub> (5)	0.22	7, 11	7, 11	
		CO <sub>2</sub> e	5.59	7, 11	7, 11	

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) CO<sub>2</sub> - carbon dioxide  
 N<sub>2</sub>O - nitrous oxide  
 CH<sub>4</sub> - methane  
 CO<sub>2</sub>e - carbon dioxide equivalents based on the following Global Warming Potentials (GWP) found in Table A-1 of Subpart A 40 CFR Part 98 (78 FR 71904) for each pollutant: CO<sub>2</sub> (1), N<sub>2</sub>O (298), CH<sub>4</sub>(25)
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.
- (5) Emission rate is given for informational purposes only and does not constitute enforceable limit.
- (6) Only the new fugitive components that were added with Project No. 303824 are subject to GHGPSDTX161M1 and are included in the Maximum Allowable Emission Rate. Fugitive emission rates are estimates and are enforceable through compliance with the applicable special conditions and permit application representations.





## Texas Commission on Environmental Quality Air Quality Permit

*A Flexible Permit Is Hereby Issued To*  
**ExxonMobil Oil Corporation**  
*Authorizing the Construction and Operation of*  
**Exxonmobil Beaumont Refinery**  
*Located at Beaumont, Jefferson County, Texas*  
*Latitude 30° 3' 50" Longitude -94° 4' 13"*

Permits: 49138, PSDTX1506M1, PSDTX768M2,  
PSDTX799M1, PSDTX802M1,  
PSDTX932M1, PSDTX992M2 and  
GHGPSDTX161M1

Amendment Date: January 10, 2020

Expiration Date: April 7, 2016

A handwritten signature in black ink, appearing to read "T. G. Baker".

\_\_\_\_\_  
For the Commission

1. **Facilities** covered by this permit shall be constructed and operated as specified in the application for the permit. All representations regarding construction plans and operation procedures contained in the permit application shall be conditions upon which the permit is issued. Variations from these representations shall be unlawful unless the permit holder first makes application to the Texas Commission on Environmental Quality (commission) Executive Director to amend this permit in that regard and such amendment is approved. It shall be unlawful for any person to vary from such representation or flexible permit provision if the change will cause a change in the method of control of emissions, the character of the emissions, will relax emission controls or will result in a significant increase in emissions, unless application is made to the executive director to amend the flexible permit in that regard and such amendment is approved by the executive director. [Title 30 Texas Administrative Code (TAC) Sections 116.715(c)(8) and 116.721 (30 TAC § 116.721)] <sup>1</sup>
2. **Voiding of Permit.** A permit or permit amendment is automatically void if the holder fails to begin construction within 18 months of the date of issuance, discontinues construction for more than 18 months prior to completion, or fails to complete construction within a reasonable time. Upon request, the executive director may grant an 18-month extension. Before the extension is granted the permit may be subject to revision based on best available control technology, lowest achievable emission rate, and netting or offsets as applicable. One additional extension of up to 18 months may be granted if the permit holder demonstrates that emissions from the facility will comply with all rules and regulations of the commission, the intent of the Texas Clean Air Act (TCAA), including protection of the public's health and physical property; and (b)(1) the permit holder is a party to litigation not of the permit holder's initiation regarding the issuance of the permit; or (b)(2) the permit holder has spent, or committed to spend, at least 10 percent of the estimated total cost of the project up to a maximum of \$5 million. A permit holder granted an extension under subsection (b)(1) of this section may receive one subsequent extension if the permit holder meets the conditions of subsection (b)(2) of this section. [30 TAC § 116.120]
3. **Construction Progress.** Start of construction, construction interruptions exceeding 45 days, and completion of construction shall be reported to the appropriate regional office of the commission not later than 15 working days after occurrence of the event. [30 TAC § 116.715(c)(2)]
4. **Start-up Notification.** The appropriate air program regional office shall be notified prior to the commencement of operations of the facilities authorized by the permit in such a manner that a representative of the commission may be present. The permit holder shall provide a separate notification for the commencement of operations for each unit of phased construction, which may involve a series of units commencing operations at different times. Prior to operation of the facilities authorized by the permit, the permit holder shall identify the source or sources of allowances to be utilized for compliance with Chapter 101, Subchapter H, Division 3 of this title (relating to Mass Emissions Cap and Trade Program). [30 TAC § 116.715(c)(3)]
5. **Sampling Requirements.** If sampling is required, the flexible permit holder shall contact the commission's Office of Compliance and Enforcement prior to sampling to obtain the proper data forms and procedures. All sampling and testing procedures must be approved by the executive director and coordinated with the regional representatives of the commission. The flexible permit holder is also responsible for providing sampling facilities and conducting the sampling operations or contracting with an independent sampling consultant. [30 TAC § 116.715(c)(4)]

6. **Equivalency of Methods.** The permit holder must demonstrate or otherwise justify the equivalency of emission control methods, sampling or other emission testing methods, and monitoring methods proposed as alternatives to methods indicated in the conditions of the permit. Alternative methods shall be applied for in writing and must be reviewed and approved by the executive director prior to their use in fulfilling any requirements of the permit. [30 TAC § 116.715(c)(5)]
7. **Recordkeeping.** A copy of the flexible permit along with information and data sufficient to demonstrate continuous compliance with the emission caps and individual emission limitations contained in the flexible permit shall be maintained in a file at the plant site and made available at the request of personnel from the commission or any air pollution control program having jurisdiction. This information shall include, but is not limited to, emission cap and individual emission limitation calculations based on a 12-month rolling basis; emission cap and individual emission limitation calculations corresponding to any short term emission limitation; production records and operating hours; and additional recordkeeping requirements specified in special conditions attached to the flexible permit. Information in the file shall be retained for at least two years following the date that the information or data is obtained. For facilities that normally operate unattended, this information shall be maintained at the nearest staffed location within Texas specified by the permit holder in the permit application. [30 TAC § 116.715(c)(6)]
8. **Maximum Allowable Emission Rates**A flexible permit covers only those sources of emissions and those air contaminants listed in the table entitled “Emission Sources, Emissions Caps and Individual Emission Limitations” in the flexible permit. Each permitted facility, group of facilities or account is limited to the emission limits and other conditions specified in the table in the flexible permit. [30 TAC § 116.715(c)(7)] <sup>1</sup>
9. **Emission Cap Readjustment.** If a schedule to install additional controls is included in the flexible permit and a facility subject to such a schedule is taken out of service, the emission cap contained in the flexible permit will be readjusted for the period the unit is out of service to a level as if no schedule had been established. Unless a special condition specifies the method of readjustment of the emission cap, a permit alteration shall be obtained. [30 TAC § 116.715(c)(9)]
10. **Maintenance of Emission Control.** The permitted facilities shall not be operated unless all air pollution emission capture and abatement equipment is maintained in good working order and operating properly during normal facility operations. The flexible permit holder shall provide notification in accordance with 30 TAC §101.201, 101.211, and 101.221 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements; Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements; and Operational Requirements). [30 TAC § 116.715(c)]
11. **Compliance with Rules.** Acceptance of a flexible permit by an applicant constitutes an acknowledgment and agreement that the flexible permit holder will comply with all rules and orders of the commission issued in conformity with the TCAA and the conditions precedent to the granting of the permit. If more than one state or federal rule or regulation or permit condition is applicable, the most stringent limit or condition shall govern and be the standard by which compliance shall be demonstrated. Acceptance includes consent to the entrance of commission employees and agents into the permitted premises at reasonable times to investigate conditions relating to the emission or concentration of air contaminants, including compliance with the flexible permit. [30 TAC § 116.715(c)(11)]
12. **This** permit may not be transferred, assigned, or conveyed by the holder except as provided by rule. [30 TAC § 116.110(e)]
13. **There** may be additional special conditions attached to a permit upon issuance or modification of the permit. Such conditions in a permit may be more restrictive than the requirements of Title 30 of the Texas Administrative Code. [30 TAC § 116.715(d)]
14. **Emissions** from this facility must not cause or contribute to “air pollution” as defined in Texas Health and Safety Code (THSC) §382.003(3) or violate THSC § 382.085. If the executive director determines that such a condition or violation occurs, the holder shall implement additional abatement measures as necessary to control or prevent the condition or violation.
15. **The** permit holder shall comply with all the requirements of this permit. Emissions that exceed the limits of this permit are not authorized and are violations of this permit. <sup>1</sup>

<sup>1</sup> Please be advised that the requirements of this provision of the general conditions may not be applicable to greenhouse gas emissions.

## Common Acronyms in Air Permits

°C = Temperature in degrees Celsius	GLCmax = maximum (predicted) ground-level concentration
°F = Temperature in degrees Fahrenheit	gpm = gallon per minute
°K = Temperature in degrees Kelvin	gr/1000scf = grain per 1000 standard cubic feet
µg = microgram	gr/dscf = grain per dry standard cubic feet
µg/m <sup>3</sup> = microgram per cubic meter	H <sub>2</sub> CO = formaldehyde
acfm = actual cubic feet per minute	H <sub>2</sub> S = hydrogen sulfide
AMOC = alternate means of control	H <sub>2</sub> SO <sub>4</sub> = sulfuric acid
AOS = alternative operating scenario	HAP = hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
AP-42 = Air Pollutant Emission Factors, 5th edition	HC = hydrocarbons
APD = Air Permits Division	HCl = hydrochloric acid, hydrogen chloride
API = American Petroleum Institute	Hg = mercury
APWL = air pollutant watch list	HGB = Houston/Galveston/Brazoria
BPA = Beaumont/ Port Arthur	hp = horsepower
BACT = best available control technology	hr = hour
BAE = baseline actual emissions	IFR = internal floating roof tank
bbl = barrel	in H <sub>2</sub> O = inches of water
bbl/day = barrel per day	in Hg = inches of mercury
bhp = brake horsepower	IR = infrared
BMP = best management practices	ISC3 = Industrial Source Complex, a dispersion model
Btu = British thermal unit	ISCST3 = Industrial Source Complex Short-Term, a dispersion model
Btu/scf = British thermal unit per standard cubic foot or feet	K = Kelvin; extension of the degree Celsius scaled-down to absolute zero
CAA = Clean Air Act	LACT = lease automatic custody transfer
CAM = compliance-assurance monitoring	LAER = lowest achievable emission rate
CEMS = continuous emissions monitoring systems	lb = pound
cfm = cubic feet (per) minute	hp = horsepower
CFR = Code of Federal Regulations	hr = hour lb/day = pound per day
CN = customer ID number	lb/hr = pound per hour
CNG = compressed natural gas	lb/MMBtu = pound per million British thermal units
CO = carbon monoxide	LDAR = Leak Detection and Repair (Requirements)
COMS = continuous opacity monitoring system	LNG = liquefied natural gas
CPMS = continuous parametric monitoring system	LPG = liquefied petroleum gas
DFW = Dallas/ Fort Worth (Metroplex)	LT/D = long ton per day
DE = destruction efficiency	m = meter
DRE = destruction and removal efficiency	m <sup>3</sup> = cubic meter
dscf = dry standard cubic foot or feet	m/sec = meters per second
dscfm = dry standard cubic foot or feet per minute	MACT = maximum achievable control technology
ED = (TCEQ) Executive Director	MAERT = Maximum Allowable Emission Rate Table
EF = emissions factor	MERA = Modeling and Effects Review Applicability
EFR = external floating roof tank	mg = milligram
EGU = electric generating unit	mg/g = milligram per gram
EI = Emissions Inventory	mL = milliliter
ELP = El Paso	MMBtu = million British thermal units
EPA = (United States) Environmental Protection Agency	MMBtu/hr = million British thermal units per hour
EPN = emission point number	MSDS = material safety data sheet
ESL = effects screening level	MSS = maintenance, startup, and shutdown
ESP = electrostatic precipitator	MW = megawatt
FCAA = Federal Clean Air Act	NAAQS = National Ambient Air Quality Standards
FCCU = fluid catalytic cracking unit	NESHAP = National Emission Standards for Hazardous Air Pollutants
FID = flame ionization detector	NGL = natural gas liquids
FIN = facility identification number	NNSR = nonattainment new source review
ft = foot or feet	NO <sub>x</sub> = total oxides of nitrogen
ft/sec = foot or feet per second	
g = gram	
gal/wk = gallon per week	
gal/yr = gallon per year	
GLC = ground level concentration	

NSPS = New Source Performance Standards  
PAL = plant-wide applicability limit  
PBR = Permit(s) by Rule  
PCP = pollution control project  
PEMS = predictive emission monitoring system  
PID = photo ionization detector  
PM = periodic monitoring  
PM = total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>2.5</sub> = particulate matter equal to or less than 2.5 microns in diameter  
PM<sub>10</sub> = total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
POC = products of combustion  
ppb = parts per billion  
ppm = parts per million  
ppmv = parts per million (by) volume  
psia = pounds (per) square inch, absolute  
psig = pounds (per) square inch, gage  
PTE = potential to emit  
RA = relative accuracy  
RATA = relative accuracy test audit  
RM = reference method  
RVP = Reid vapor pressure  
scf = standard cubic foot or feet  
scfm = standard cubic foot or feet (per) minute  
SCR = selective catalytic reduction  
SIL = significant impact levels  
SNCR = selective non-catalytic reduction  
SO<sub>2</sub> = sulfur dioxide  
SOCMI = synthetic organic chemical manufacturing industry  
SRU = sulfur recovery unit  
TAC = Texas Administrative Code  
TCAA = Texas Clean Air Act  
TCEQ = Texas Commission on Environmental Quality  
TD = Toxicology Division  
TLV = threshold limit value  
TMDL = total maximum daily load  
tpd = tons per day  
tpy = tons per year  
TVP = true vapor pressure  
VOC = volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
VRU = vapor recovery unit or system

### Special Conditions

Flexible Permit Numbers 49138, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

1. This permit authorizes emissions only from those points listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates," and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating conditions specified in this permit.
2. Non-fugitive emissions from relief valves, safety valves, or rupture discs of gases containing volatile organic compounds (VOC) at a concentration of greater than 1 percent are not authorized by this permit unless authorized on the maximum allowable emission rates table. Any releases directly to atmosphere from relief valves, safety valves, or rupture discs of gases containing VOC at a concentration greater than 1 weight percent are not consistent with good practice for minimizing emissions.
3. Modifications not triggering a federal major modification. Upon completion of the modifications, actual emissions from the modified facilities noted below shall be monitored, recorded and reports made in accordance Title 30 Texas Administrative Code § 116.127 (30 TAC § 116.127). **(10/12)**
  - A. The modifications authorized by the amendment, supplement dated September 2009, were determined not to be subject to major new source review by identifying projected actual emission rates for the facilities potentially affected by the project. (11/09)
  - B. The modifications authorized by the amendment application dated January 30, 2012 that included (1) adding and modifying piping to allow the hot Crude unit B (CUB) heavy atmospheric gas oil (HAGO) to be directly fed to the Fluid Catalytic Cracking Unit (FCCU) increasing the potential feed rate to the FCCU and (2) adding and modifying piping and heat exchange to allow clarified slurry oil (CSO) from the bottom of the FCCU main column to generate steam in lieu of heating FCCU feed. The loss of heat to the FCCU feed from the CSO redirection for steam production will be compensated by additional heat from the hot HAGO feed to the FCCU so severity in the FCCU reactor will not increase and thus no additional coking or emissions from the FCCU wet gas scrubber will occur due to these projects.

This Special Condition requirement may be removed upon authorization of a project that modifies the wet gas scrubber emissions potential. **(10/12)**

- C. The modifications authorized by the amendment application dated May 3, 2012 that included (1) installation of additional fugitive components at the emission point numbers (EPNs) 49FUG\_001, (2) throughput increases at the EPNs 49TFX\_5010 and 52LBS\_001. This project's projected actual emission rates at affected EPNs are as follows:

EPN	Description	Projected Actual Emission Rate (tpy)
49FUG_001	North Tank Fugitive (additional fugitive components)	1.39
49TFX_5010	OMCC-1 Fixed Roof Tank 5010	4.81
52LBS_001	Wharf 2 Loading Operations w/o Flare Control (barge)	8.91
	TOTAL	15.11

Special Conditions

Flexible Permit Numbers 49138, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, PSDTX992M2, and PSDTX1506M2

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Total actual emissions from the affected sources specified in this condition shall be monitored, recorded and reports made in accordance with Title 30 Texas Administrative Code §116.127 (30TAC§116.127). **(02/13)**

- D. The modifications authorized by the amendment application dated October 4, 2012 that included (1) installation of additional piping and air-fan cooling to improve Crude Unit B (CUB) operational flexibility, (2) authorization of an incremental CUB feed rate and CUB fuel oil product increase during Coker Slowdown events, (3) authorization of emission increases from fugitives, and annual increases from CUB Heaters, tankage and wharf loading without increases to the permit emission caps. This project's projected actual emission rates at affected EPNs are as follows:

EPN	Description	Projected Actual Emission Rate (tpy)
05FUG_001	Crude Unit B (CUB)Fugitives	VOC:0.047
49TFX_1700	OMCC-1Fixed Roof Tank 1700	VOC: 3.43
49TFX_5007	OMCC-1Fixed Roof Tank 5007	VOC: 4.09
50TEF_2239	OMCC-2External Floating Roof Tank 2239	VOC: 4.49
52LBS_001	Wharf 2 Loading Operations w/o Flare Control	VOC: 8.55
05STK_001	CUB Atmospheric Heater (H-3101)	NO <sub>x</sub> : 333.67 CO: 11.62 VOC: 16.11 PM <sub>2.5</sub> : 22.66 SO <sub>2</sub> : 34.11 H <sub>2</sub> SO <sub>4</sub> : 2.61
05STK_002	CUB South Vacuum Heater (H-3102)	NO <sub>x</sub> : 51.01 CO: 28.20 VOC: 2.66 PM <sub>2.5</sub> : 3.74 SO <sub>2</sub> : 12.17 H <sub>2</sub> SO <sub>4</sub> : 0.93
05STK_004	CUB North Vacuum Heater (H-2001)	NO <sub>x</sub> : 41.88 CO: 3.14 VOC: 2.18 PM <sub>2.5</sub> : 3.06 SO <sub>2</sub> : 9.96 H <sub>2</sub> SO <sub>4</sub> : 0.76
	TOTAL	VOC: 41.56

Special Conditions

Flexible Permit Numbers 49138, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, PSDTX992M2, and PSDTX1506M2

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EPN	Description	Projected Actual Emission Rate (tpy)
		NO <sub>x</sub> : 426.56 CO: 42.96 PM <sub>2.5</sub> : 29.46 SO <sub>2</sub> : 56.24 H <sub>2</sub> SO <sub>4</sub> : 4.30

Total actual emissions from the affected sources specified in this condition shall be monitored, recorded, and reports made in accordance with Title 30 Texas Administrative Code §116.127 (30TAC§116.127). **(02/13)**

- E. The modifications authorized by the amendment application dated March 28, 2013 that included updates associated with the Hydrocracker Distillate Optimization project. This project's projected actual emission rates at affected EPNs are as follows:

EPN	Description	Projected Actual Emission Rate (tpy)
49TFX_1359	OMCC-1 Fixed Roof Tank 1359	VOC: 10.91
49TFX_1367	OMCC-1 Fixed Roof Tank 1367	VOC: 10.95
49TEF_1284	OMCC-1 External Floating Roof Tank 1284	VOC: 0.24
49TFX_5010	OMCC-1 Fixed Roof Tank 5010	VOC: 5.87
49TFX_5011	OMCC-1 Fixed Roof Tank 5011	VOC: 5.20
49TFX_5003	OMCC-1 Fixed Roof Tank 5003	VOC: 9.74
49TEF_5015	OMCC-1 External Floating Roof Tank 5015	VOC: 0.37
20FUG_001	HDC Fugitive Area	VOC: 0.94
53LBS_001	Wharf 4 Loading Operations w/o Flare Control (Barge or Ship)	VOC: 17.47
20STK_001	1 <sup>st</sup> Stage West Heater Emissions	VOC: 0.90 NO <sub>x</sub> : 6.05 CO: 0.50 PM/PM <sub>10</sub> /PM <sub>2.5</sub> : 1.33 SO <sub>2</sub> : 2.12 H <sub>2</sub> SO <sub>4</sub> : 0.16

#### Special Conditions

Flexible Permit Numbers 49138, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, PSDTX992M2, and PSDTX1506M2

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EPN	Description	Projected Actual Emission Rate (tpy)
20STK_002	1 <sup>st</sup> Stage East Heater Emissions	VOC: 0.60 NO <sub>x</sub> : 12.10 CO: 1.60 PM/PM <sub>10</sub> /PM <sub>2.5</sub> : 0.89 SO <sub>2</sub> : 1.41 H <sub>2</sub> SO <sub>4</sub> : 0.11
20STK_003	2 <sup>nd</sup> Stage Heater Emissions	VOC: 0.60 NO <sub>x</sub> : 12.10 CO: 1.60 PM/PM <sub>10</sub> /PM <sub>2.5</sub> : 0.89 SO <sub>2</sub> : 1.41 H <sub>2</sub> SO <sub>4</sub> : 0.11
	TOTAL	VOC: 63.79 NO <sub>x</sub> : 30.25 CO: 3.70 PM/PM <sub>10</sub> /PM <sub>2.5</sub> : 3.11 SO <sub>2</sub> : 4.94 H <sub>2</sub> SO <sub>4</sub> : 0.38

Total actual emissions from the affected sources specified in this condition shall be monitored, recorded, and reports made in accordance with Title 30 Texas Administrative Code §116.127 (30TAC§116.127). **(05/14)**

4. Permit Number PSDTX932 is based on the evaluation of the emissions to the atmosphere as represented in the permit application dated May 29, 1998; and subsequent submittals, and the determination that the emissions of carbon monoxide (CO) and particulate matter less than 10 microns in diameter (PM<sub>10</sub>) will not result in any exceedance of applicable NAAQS for these air contaminants. Permit Number PSDTX932 applies only to emissions of CO and PM<sub>10</sub> from EPNs 61STK\_001, 61STK\_002, 61STK\_003, and 61CTL\_031. Permit Number PSDTX932 may be rescinded and consolidated with Permit Number PSDTX768M1 with public notice at the next opportunity in order to simplify the permit numbering of this permit. **(03/03)**

#### Flexible Permit Compliance

5. For purposes of assuring compliance with the emission limitations found in the "Emission Sources - Maximum Allowable Emission Rates," the holder of this flexible permit will maintain an emissions record to demonstrate compliance with the hourly and annual emission caps and other emission limits contained in the maximum allowable emission rates table (MAERT) in accordance with the requirements of Special Condition No. 6. Compliance with annual (tons per year [TPY]) emissions shall be based on a 12-month rolling basis. Emissions calculations for verifying compliance with the emission caps shall be performed at least once every month to demonstrate compliance with the annual rolling average requirement.



## Special Conditions

Flexible Permit Numbers 49138, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, PSDTX992M2, and PSDTX1506M2

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The annual emission cap shall be adjusted downward if any facilities covered by the flexible permit have been shut down for more than 12 consecutive months. The emission caps shall be lowered by an amount that the shutdown facility contributed to the calculation of the emission cap for that contaminant. The adjusted caps shall be used in the demonstration of compliance with the annual emission rate cap.

The permit holder shall maintain records of all shut down facilities covered by this permit. These records shall indicate when the facility was shutdown and the current status. The records shall be updated on a quarterly basis and shall be made readily available to the Texas Commission on Environmental Quality (TCEQ) personnel upon request.

6. Emissions of nitrogen oxides (NO<sub>x</sub>), CO, sulfur dioxide (SO<sub>2</sub>), particulate matter (PM), and VOC from combustion sources associated with this permit shall be determined in accordance with the following methods. The CEMS data shall be used if available. The most recent validated test emissions factors shall be used if CEMS data are not available. If CEMS and test data are not available, applicable AP-42 or vendor guarantee data will be used.

### ***NO<sub>x</sub> Emissions***

The NO<sub>x</sub> emissions from heaters, boilers, engines, cogeneration units, Fluid Catalytic Cracking Unit (FCCU), Sulfur Recovery Unit (SRU) Thermal Oxidizer shall be based on available continuous emission monitoring system (CEMS) data. Available stack test data, vendor guarantees, or AP-42 emission factors used in the permit application shall be used to calculate NO<sub>x</sub> emissions from those combustion sources not equipped with CEMS.

### ***CO Emissions***

The CO emissions from heaters, boilers, and engines so equipped shall be based on available data from the CEMS. Available stack test data, vendor guarantees, or AP-42 emission factors used in the permit application shall be used to calculate CO emissions from those combustion sources not equipped with CEMS.

### ***SO<sub>2</sub> Emissions***

The SO<sub>2</sub> emissions from FCCU and SRU Thermal Oxidizer shall be based on available data from the CEMS. SO<sub>2</sub> emissions from other combustion sources shall be calculated based on operating data and the measured hydrogen sulfide (H<sub>2</sub>S) concentration in the fuel gas.

### ***PM Emissions***

The PM emissions from combustion sources with the exception of the FCCU shall be based on the annual fired duty in MMBtu per year (MMBtu/yr.) and the AP-42 emission factors used in the permit application, or stack test data. For the FCCU, emissions shall be based on the maximum coke burn rates used in the permit application or available stack testing data. For miscellaneous particulate sources emissions shall be based on appropriate emission factors used in the permit application.

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### **VOC Emissions**

For all combustion sources with the exception of the FCCU, the VOC emissions shall be based on the annual fired duty in MMBtu/yr. and AP-42 emission factors used in the permit application or available stack testing data. The VOC emissions from the FCCU shall be based on regenerator rates and appropriate emission factors as used in the permit application or available stack test data.

### **Flares and Vapor Combustion Unit (VCU)**

Routine flare and VCU emissions shall be calculated using TCEQ-approved flare and VCU emission factors for NO<sub>x</sub> and CO. Routine VCU emissions may also be calculated using vendor or stack test data. The SO<sub>2</sub> emissions shall be based on the amount of H<sub>2</sub>S in the material being burned consistent with the assumptions in the permit application. From the flares a VOC destruction efficiency of 98 percent shall be used to calculate VOC emissions for C4s and greater. From the flares a VOC destruction efficiency of 99 percent shall be used to calculate VOC emissions for C3s and lighter. From the VCU a VOC destruction efficiency of 99.0 percent shall be used to calculate VOC emissions. PM emissions from the VCU shall be based on the annual fired duty in MMBtu per year (MMBtu/yr.) and the AP-42 emission factors used in the permit application, or stack test data. **(4/17)**

### **Non-Combustion Sources**

Process Fugitives - emissions are to be estimated using: component counts, emission factors, and control efficiencies data from the TCEQ technical guidance document, "Equipment Leak Fugitives," dated October 2000. Actual leak data may be used in lieu of other emissions estimating methods.

Tanks - emissions for tanks shall be calculated using the methodology in the TCEQ publication titled "Technical Guidance Package for Chemical Sources – Storage Tanks", or another equivalent methodology.

Cooling Towers - emissions are to be estimated using: (a) recirculation rates and monthly monitoring data and (b) requirements of Special Condition No. 14, 15, and 16.

Vents and other equipment - shall be assumed at the potential to emit calculated in the Flexible Permit Application. These emissions will be used for the determination of the compliance cap.

Loading - Emissions for loading operations shall be calculated using the TCEQ publication, titled "Technical Guidance Package for Chemical Sources - Loading Operations," dated October 2000 or a later edition.

7. Except as otherwise stated in other conditions of this permit, opacity of emissions from all stack sources covered by this permit shall not exceed 5 percent averaged over a six-minute period, except during periods of start-up or shut down.

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### Chemical Flexibility

8. The compounds in storage tanks or loaded at the Wharves authorized in this permit are limited to those represented in the amended January 2007 Flexible Permit Application. New compounds may be added through the use of the procedure below, 30 TAC Chapter 106 or 30 TAC Chapter 116. **(11/9)**
- A. Short-term (pounds per hour [lb/hr]) and annual (TPY) emissions and calculations shall be completed for each compound at each affected source. Emission rates (ER) shall be calculated in accordance with the methods documented in the January 2007 Flexible Permit Application. The calculated emission rate shall not exceed the maximum allowable emission rate at any emission point.
- B. The Effect Screening Level (ESL) for the material shall be obtained from the current TCEQ ESL list or by written request to the TCEQ Toxicology Section.
- C. The emission rate of a new compound from all emission points in this permit must satisfy one of the following conditions:

The total maximum hourly emission rate from all sources is:

Emission Rate (lbs/hr)	Short-term ESL (ug/m <sup>3</sup> )
≤ 0.04	≥ 2 & < 500
≤ 0.10	≥ 500 & < 3,500
≤ 0.40	≥ 3,500

### Fuel Specifications

9. Fuel for the combustion sources in this permit, excluding flares, is limited to the following:
- A. Pipeline-quality natural gas containing no more than 5 grains total sulfur per 100 dry standard cubic feet (dscf) as determined by certificate of analysis provided by the natural gas supplier.
- B. Refinery fuel gas which contains not more than 162 ppmv of H<sub>2</sub>S as determined by a three-hour rolling average and monitored in accordance with Title 40 Code of Federal Regulations § 60.105 (40 CFR § 60.105).
- C. For CHD-2 Charge Heater B-1 and CHD-2 Stripper Reboiler Heater B-2 (EPN 16STK\_001), refinery fuel gas which contains no more than 75 ppmv of H<sub>2</sub>S on an annual average basis.
- D. Fuel for the VCU, EPN 60VCU\_011 is limited to pipeline-quality natural gas containing no more than 5 grains total sulfur per 100 dry standard cubic feet (dscf) as determined by certificate of analysis provided by the natural gas supplier. **(4/17)**

### EPA Consent Decree (CD) (Entered into December 13, 2005)

10. The permit holder shall not burn fuel oil in any combustion unit except during periods of natural gas curtailment. No part of this condition is intended to limit or shall be interpreted as limiting (i)

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the use of torch oil in an FCCU regenerator to assist in starting, restarting, maintaining hot standby, or maintaining regenerator heat balance; or (ii) combustion of acid soluble oil in a combustion device. **(EPA CD 12/13/2005, Paragraph 60).**

A permit amendment shall be filed and approved by the TCEQ Executive Director prior to the combustion of acid soluble oil in a combustion device authorized in this permit. Any permit by rule(s) may not be used to authorize the combustion of acid soluble oil in a combustion device authorized in this permit.

11. The permit holder shall at all times and to the extent practicable, including periods of start-up, shutdown, upset and/or malfunction, implement good air pollution control practices to minimize emissions from its flaring devices, in a manner consistent with the requirements imposed by 40 CFR. § 60.11(d). **(EPA CD 12/13/2005, Paragraph 70).**

This paragraph does not authorize start-up, shutdown and maintenance (MSS) activities and emissions. Upset and malfunction emissions are still subject to the applicable 30 TAC Chapter 101 requirements.

12. The combustion of gases generated by start-up, shutdown, upset, or malfunction of a refinery process unit or released to a flaring device as a result of relief valve leakage or other emergency malfunction is exempt from the requirement to comply with 40 CFR § 60.104(a)(1). **(EPA CD 12/13/2005, Paragraph 74)**

This paragraph does not authorize MSS activities and emissions. Upset and malfunction emissions are still subject to the applicable 30 TAC Chapter 101 requirements.

## Federal Applicability

13. These facilities shall comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations on Standards of Performance for New Stationary Sources (New Source Performance Standards [NSPS]) in 40 CFR Part 60, all applicable requirements of the EPA regulations on National Emission Standards for Hazardous Air Pollutants (NESHAPS) in 40 CFR Part 61, and all applicable requirements of the EPA regulations on NESHAPS in 40 CFR Part 63 as specified in the current Site Operating Permit(s).

A. Until such time as the permit holder completes installation of NO<sub>x</sub> and O<sub>2</sub> Continuous Emission Monitoring Systems (CEMS) on Vacuum Heaters B-2 and B-3 (EPNs 36STK\_006 and 36STK\_007, respectively) as represented in the flexible permit amendment application (PI-1 received February 7, 2014, as updated), the permit holder shall comply with the following requirements. This paragraph shall not be construed to relieve the permit holder of any responsibility to comply with all applicable requirements of 40 CFR Part 60, Subparts A and Ja. **(2/15)**

- (1) The firing rate for Vacuum Heater B-2 (EPN 36STK\_006) shall be limited to 94.5 MMBtu/hr (HHV) or less (on an hourly average), and the firing rate for Vacuum Heater B-3 (EPN 36STK\_007) shall be limited to 84.4 MMBtu/hr (HHV) or less (on an hourly average). Such restriction in firing rate shall be effected through installation of a physical constraint on the fuel gas flow valves of Vacuum Heaters B-2 (EPN 36STK\_006) and B-3 (EPN 36STK\_007).

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- (2) Fired heat duty records retained in accordance with Special Condition 87.A shall be used to determine compliance with subparagraph (1).

This paragraph shall not apply until the physical changes to Vacuum Heaters B-2 and B-3 referred to in the flexible permit amendment application (PI-1 received February 7, 2014, as updated) are completed.

#### Cooling Tower

14. The VOC associated with cooling tower water shall be monitored once a month when in VOC service. The monthly sampling shall use an air stripping system meeting the requirements of the TCEQ Sampling Procedures Manual, Appendix P (dated January 2003 or a later edition) or an agency approved equivalent sampling method. The heat exchange and cooling tower system shall be maintained so as to minimize VOC emissions. Faulty equipment shall be repaired at the earliest opportunity, but no later than the next scheduled shutdown of the process unit in which the leak occurs.
  - A. The Crude Unit C Cooling Tower No. 32 (EPN: 70CTL\_001) shall be equipped with drift eliminators having manufacturer's design assurance of 0.0005% drift or less. Drift eliminators shall be installed and maintained in accordance with manufacturer specifications. The permit holder shall maintain records of all inspections and repairs. **(1/18)**
15. The VOC associated with cooling towers (EPNs 08CTL\_033 and 56CTL\_034) water shall be monitored monthly with an air stripping system meeting the requirements of the TCEQ Sampling Procedures Manual, Appendix P (dated January 2003 or a later edition) or an approved equivalent sampling method. The results of the monitoring, cooling water flow rate and maintenance activities on the cooling water system shall be recorded. The monitoring results and cooling water hourly mass flow rate shall be used to determine cooling tower hourly VOC emissions. The rolling 12 month cooling water emission rate shall be recorded on a monthly basis and be determined by summing the VOC emissions between VOC monitoring periods over the rolling 12 month period. The emissions between VOC monitoring periods shall be obtained by multiplying the total cooling water mass flow between cooling water monitoring periods by the higher of the 2 VOC monitored results. **(1/20)**
16. The cooling towers (EPNs 08CTL\_033, 56CTL\_034, and 08CTL\_013) shall be operated and monitored in accordance with the following: For cooling tower EPN 08CTL\_013 this condition and the reduced PM, PM<sub>10</sub> and PM<sub>2.5</sub> emission representation will be effective within 60 days after completion of drift eliminator upgrades per Project No. 303824. **(1/20)**
  - A. Each cooling towers shall be equipped with drift eliminators having manufacturer's design assurance of 0.0005% drift or less. Drifts eliminators shall be maintained and inspected at least annually. The permit holder shall maintain records of all inspections and repairs.
  - B. Total dissolved solids (TDS) shall not exceed 1,900 parts per million by weight (ppmw) on an annual average and 6000 ppmw on an hourly average. Dissolved solids in the cooling water drift are considered to be emitted as PM, PM<sub>10</sub>, and PM<sub>2.5</sub> as represented in the permit application calculations.
  - C. Cooling water shall be sampled at least once per week for TDS.

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- D. Cooling water sampling shall be representative of the cooling tower feed water and shall be conducted using approved methods.
  - (1) The analysis method for TDS shall be EPA Method 160.1, ASTM D5907, and SM 2540 C [SM - 19th edition of Standard Methods for Examination of Water]. Water samples should be capped upon collection, and transferred to a laboratory area for analysis.
  - (2) Alternate sampling and analysis methods may be used to comply with D(1) with written approval from the TCEQ Regional Director.
  - (3) Records of all instrument calibrations and test results and process measurements used for the emission calculations shall be retained.
- E. Emission rates of PM, PM<sub>10</sub> and PM<sub>2.5</sub> shall be calculated using the measured TDS, the design drift rate and the daily maximum and average actual cooling water circulation rate for the short term and annual average rates. Alternately, the design maximum circulation rate may be used for all calculations. Emission records shall be updated monthly.

#### Flares

17. Flares shall be designed and operated in accordance with the following requirements:

- A. The flare systems shall be designed such that the combined assist natural gas and waste stream to each flare meets (except for periods of startup, shutdown, maintenance, and malfunction cases described in Special Condition No. 17G the 40 CFR § 60.18 specifications of minimum heating value and maximum tip velocity.

The heating value and velocity requirements shall be satisfied during operations authorized by this permit. Flare testing per 40 CFR § 60.18(f) may be requested by the appropriate TCEQ Regional Office to demonstrate compliance with these requirements.
- B. Each flare shall be operated with a flame present at all times and have a constant pilot flame when process gas is being routed to the flare. The pilot flame shall be continuously monitored by a thermocouple or an infrared monitor or by equivalent method. Each monitoring device shall be accurate to, and shall be calibrated at, a frequency in accordance with, the manufacturer's specifications. During periods of pilot flame monitor downtime, the flare shall be monitored by visual inspection.
- C. The flares shall be operated with no visible emissions except periods not to exceed a total of five minutes during any two consecutive hours.
- D. The holder of this permit shall install a continuous flow monitor that provides a record of the vent stream flow to each flare authorized in this permit. The flow monitor sensor and analyzer sample points should be installed in the vent stream as near as possible to the flare inlet such that the total vent stream to the flare is measured and analyzed. This condition does not apply to the Marine Flare (Emission Point No. [EPN] 60FLR\_009).
- E. The Marine Flare (EPN 60FLR\_009) shall be equipped with a stack temperature controller that will regulate the amount of assist gas and the combustion air. The stack temperature controller shall be set at a minimum of 1300°F to ensure 98 percent combustion and

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smokeless operation. The permit holder shall monitor the temperature on an hourly average basis. (05/14)

- F. A waste gas sample shall be taken in accordance with requirements in Special Condition No83.. This condition does not apply to the Marine Flare (EPN 60FLR\_009).
- G. The loss of either the total gas compressor or booster compressor on Continuous Platinum Reformer No. 4 (PtR 4) and the loss of three sulfur recovery plants are not required to meet the design requirements of Special Condition No.17A Emissions flared from these cases are not authorized in this permit.
- H. The High Pressure (HP) Flare, Low Pressure (LP) Flare, Fluid Catalytic Cracking Unit (FCCU) Flare, Catalytic Hydrodesulfurization Unit 1 (CHD 1) Flare, Catalytic Hydrodesulfurization Unit 2 (CHD 2) Flare, and the Coker Flare shall become "affected facilities" subject to and required to comply with all applicable requirements of the U.S. Environmental Protection Agency (EPA) regulations in 40 CFR Part 60, Subparts A and J. **(EPA CD 12/13/2005, Paragraph 71) (8/10)**

The permit holder shall comply with the NSPS Subparts A and J requirements for each NSPS Flaring Device by using one or any combination of the following methods:

- (1) Operate and maintain a flare gas recovery system to prevent continuous or routine combustion in the NSPS Flaring Device. Use of a flare gas recovery system on a flare obviates the need to continuously monitor and maintain records of hydrogen sulfide in the gas as otherwise required by 40 C.F.R. §§ 60.105(a)(4) and 60.7;
- (2) Eliminate the routes of continuous or intermittent, routinely-generated refinery fuel gases to a NSPS Flaring Device and operate the NSPS Flaring Device such that it receives only process upset gases (as defined in 40 C.F.R. § 60.101(e)), fuel gas released as a result of relief valve leakage or gases released due to other emergency malfunctions;
- (3) Operate the NSPS Flaring Device as a fuel gas combustion device and comply with NSPS monitoring requirements by use of a continuous monitor pursuant to 40 C.F.R. § 60.105(a)(4) or with a parametric monitoring system approved by EPA as an alternative monitoring system under 40 C.F.R. § 60.13(i) **(EPA CD 12/13/2005, Paragraph 73)**

The permit holder shall take all reasonable measures to minimize emissions during the performance of periodic maintenance operations undertaken to ensure proper operation of the flare gas recovery system. This requirement does not create an authorization for any maintenance operations not authorized elsewhere in the permit. **(EPA CD 12/13/2005, Paragraph 76)**

Under certain conditions, a flare gas recovery system may need to be bypassed in the event of an emergency or in order to ensure safe operation of refinery processes. This paragraph shall not be construed to authorize emissions not authorized elsewhere in the permit. To the extent that they are authorized by the permit, emissions due to the bypass of the flare gas recovery system are subject to applicable limits listed in the permit MAERT. **(EPA CD 12/13/2005, Paragraph 77)**

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The permit holder shall comply with the Root Cause Failure Analysis requirements in Attachment E for Acid Gas and Hydrocarbon Flaring Incidents as these terms are defined in Attachment E. **(EPA CD 12/13/2005, Paragraphs 79 and 92)**

The permit holder shall maintain on site a copy of each report created in accordance with the Root Cause Failure Analysis requirements in Attachment E, and a list indicating all such reports. These records shall be made immediately available on request by authorized representatives of the TCEQ. **(8/14)**

- I. The No. 12 Flare (EPN: 60FLR\_012) shall be subject and required to comply with all applicable requirements of the EPA regulations in 40 CFR Part 60, Subparts A and Ja by the following. **(1/18)**
  - (1) Comply with the 162 ppmv 3-hour rolling average H<sub>2</sub>S limit in § 60.103a(h);
  - (2) Comply with the applicable NSPS monitoring requirements in § 60.107a(a), § 60.107a(e), and § 60.107a(f). **(1/18)**
- J. If there is a bypass for the Marine Flare, EPN 60FLR\_009, comply with either of the following requirements: **(5/17)**
  - (1) Install a flow indicator that records and verifies zero flow at least once every fifteen minutes immediately downstream of each valve that if opened would allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or
  - (2) Once a month, inspect the valves, verifying that the position of the valves and the condition of the car seals prevent flow out the bypass.

A bypass does not include authorized analyzer vents, highpoint bleeder vents, low point drains, or rupture discs upstream of pressure relief valves if the pressure between the disc and relief valve is monitored and recorded at least weekly. A deviation shall be reported if the monitoring or inspections indicate bypass of the control device when it is required to be in service.

## VCU

18. Vapor combustion units (VCUs) shall be designed and operated in accordance with the following requirements: **(4/17)**
  - A. The VCU EPN 60VCU\_011 shall achieve 99.0 percent control of the waste gas directed to it. This shall be ensured by maintaining the temperature in, or immediately downstream of, the combustion chamber above 1400° F prior to the initial stack test performed in accordance with Special Condition 86. Following the completion of that stack test, the six minute average temperature shall be maintained above the minimum one hour average temperature maintained during the last satisfactory stack test
  - B. The temperature measurement device shall reduce the temperature readings to an averaging period of 6 minutes or less and record it at that frequency. The temperature monitor shall be installed, calibrated or have a calibration check performed at least annually, and maintained according to the manufacturer's specifications. The device shall have an



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accuracy of the greater of  $\pm 2$  percent of the temperature being measured expressed in degrees Celsius or  $\pm 2.5^{\circ}\text{C}$ .

- C. Quality assured (or valid) temperature measurement data must be generated when the VCU is operating except during maintenance activities being performed on the VCU. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the VCU operated over the previous rolling 12 month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.

The vapor combustor shall be operated with no visible emissions and have a constant pilot flame during all times waste gas could be directed to it. The pilot flame shall be continuously monitored by a thermocouple or an infrared monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to, and shall be calibrated or have a calibration check performed at a frequency in accordance with, the manufacturer's specifications.

- D. If there is a bypass of the capture system for the VCU, EPN (60VCU\_011), comply with either of the following requirements:
- (1) Install a valve position indicator that records and verifies zero flow at least once every 15 minutes on each valve that if opened would allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or
  - (2) Once a month, inspect the valves, verifying the position of the valves and the condition of the car seals that prevent flow out the bypass.

## FCCU

19. Emissions from the FCCU flue gas vent stack are subject to the maximum allowable concentrations specified in this Special Condition.

CO, NO<sub>x</sub>, PM, and SO<sub>2</sub> emissions caused by or attributable to the start-up, shutdown, or malfunction of the FCCU and or during periods of malfunction of the FCCU's NO<sub>x</sub> control system, Wet Gas Scrubber (WGS), third stage cyclones, or electrostatic precipitator or CO control system will not be used in determining compliance with the following limits, provided during such periods the permit holder implements good air pollution control practices to minimize emissions. **(EPA CD 12/13/2005, Paragraphs 20, 31, 36, and 41)**

CO	500 parts per million by volume dry (ppmvd) corrected to zero percent oxygen (O <sub>2</sub> ) on a one-hour average basis <b>(EPA CD 12/13/2005, Paragraph 39)</b>
NO <sub>x</sub>	100 ppmvd at zero percent O <sub>2</sub> rolling 7-day average <b>(EPA CD 12/13/2005, Paragraph 14)</b>
PM	1 lb PM/1,000 lb coke burned <b>(EPA CD 12/13/2005, Paragraph 34)</b>
SO <sub>2</sub>	50 ppmvd at 0 percent O <sub>2</sub> on a 7-day rolling basis <b>(EPA CD 12/13/2005, Paragraph 26.b)</b>

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The permit CO and PM limits apply at all times, any deviations from those limits resulting in unauthorized emissions are subject to the emissions event reporting and recordkeeping requirements of 30 TAC Chapter 101.

Nothing in this special condition shall be construed to relieve the permit holder of any obligation under any federal, state or local law, regulation or permit to report emissions during periods of start-up, shutdown, or malfunction or to document the occurrence and/or cause of start-up, shutdown, or malfunction event. Emissions during any such period of start-up, shutdown or malfunction shall either be:

- A. Monitored with CEMs as provided in Special Condition No.71; or
- B. Monitored in accordance with an alternative monitoring plan approved by EPA if it is necessary to bypass the FCCU's main stack during the particular period of start-up, shutdown, or malfunction. **(3/08) (EPA CD 12/13/2005, Paragraphs 20, 31, 36, and 41)**

The emissions of hydrogen cyanide (HCN) from the FCCU to the atmosphere shall be tracked by monitoring the Wet Gas Scrubber flow rate and applying the represented HCN factor of 1.48 lb/MMdSCF. **(09/16)**

- 20. The FCCU catalyst regenerator shall be an "affected facility," as that term is used in 40 CFR Part 60, Subparts A and J with respect to the following pollutants: SO<sub>2</sub>, PM, CO; and with respect to Opacity. For all periods of operations, the permit holder shall ensure that the FCCU catalyst regenerator complies with the applicable emissions limitations imposed by NSPS Subparts A and J, except during periods of start-up, shutdown, or malfunction, as defined by 40 CFR § 60.2. At all times, including periods of start-up, shutdown, and malfunction, the permit holder shall, to the extent practicable, maintain and operate the FCCU catalyst regenerator and any associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. **(6/06) (EPA CD 12/13/2005, Paragraph 43)**

This paragraph does not authorize start-up, shutdown and maintenance activities and emissions under 30 TAC Chapter 101 or 30 TAC Chapter 116. Upset and malfunction Upset and malfunction emissions are still subject to the applicable 30 TAC Chapter 101 requirements.

- 21. Consistent with NSPS regulations at 40 CFR Part 60, Subpart J, emissions from the FCCU stack shall not exceed 1.0 pound of PM per 1,000 pounds of coke burned. **(PSD) (EPA CD 12/13/2005, Paragraph 34)**

Front-half and back-half catches shall be used to determine compliance with the lb/hr and TPY values on the MAERT. Compliance with the 1 lb/1000 lbs of coke burned shall be demonstrated through front-half catch only. **(PSD)**

The opacity of emissions from the FCCU stack shall not exceed 15 percent averaged over a six-minute period. Compliance shall be demonstrated through the use of EPA 40 CFR Part 60, Method 9 for Visual Determination of the Opacity of Emissions from Stationary Sources. Opacity requirements are met by US EPA approved alternate monitoring plan in Attachment F. Permit conditions and parameter limits specified in the approved alternate monitoring plan may be waived during stack testing if identified in the test notice specified in Special Condition No 86.A. and approved by the TCEQ Regional Office or US EPA. If optimal rates (for example, coke burn) or parameters (for example, liquid to gas ratio) are achieved during a satisfactory stack test, the

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new rates or parameters may be used to demonstrate compliance until the next stack test. **(PSD) (06/17)**

22. The maximum allowable concentration of the following pollutants in the FCCU flue gas vent stack shall not exceed the following:

Pollutant	Concentration Limit
Sulfur Dioxide (SO <sub>2</sub> )	200 ppmv hourly average
	25 ppmvd at 0 percent O <sub>2</sub> on a 365-day rolling average basis. <b>(EPA CD 12/13/2005, Paragraph 26.b)</b>
Nitrogen Oxides (NO <sub>x</sub> )	150 ppmvd at 0 percent O <sub>2</sub> hourly average
	50 ppmvd at 0 percent O <sub>2</sub> 365-day rolling average commencing July 1, 2009. <b>(EPA CD 12/13/2005 Paragraph 14.b)</b>
Ammonia	7 ppmv hourly average <b>(3/08)</b>

23. The FCCU Regenerator Scrubber liquid to gas ratio shall be continuously monitored and be maintained greater than the minimum one hour average value observed in the last satisfactory stack test performed in accordance with TCEQ sampling guidance.

Any changes to the scrubber system equipment or piping that would be expected to change the pump suction pressure or back pressure on the pump, or relevant changes to the pumps must be reviewed and approved by TCEQ APD prior to scrubber operation. The flow data must meet the requirements of Special Condition No. 84.

The capture system for the FCCU Regenerator CO Boiler and WGS shall meet the requirements specified in Special Condition No. 76.

#### PtR-3

24. The water circulation rate for the vent gas scrubber shall be a minimum of 27.6 gallons per minute averaged over a continuous 24-hour period.

#### Cogen Power Plants 2 and 4

25. The holder of this permit shall install, calibrate, maintain, and operate continuous monitoring systems to monitor the average hourly fuel consumption of each Combustion Turbine Generator (CTG), and duct burner in Power Plants 2 and 4. The systems shall be accurate to 5.0 percent of the unit's maximum flow.
26. The holder of this permit shall monitor the fuel fired in the CTGs as specified in 40 CFR § 60.334(b). Any request for a custom monitoring schedule shall be made in writing and directed to the TCEQ Beaumont Regional Office. Any custom schedule approved by the TCEQ pursuant to 40 CFR § 60.334(b) will be recognized as an enforceable condition of this permit. **(2/14)**

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27. Upon request by the Executive Director of the TCEQ or any local air pollution control program having jurisdiction, the holder of this permit shall provide a sample and/or an analysis of the fuels fired in the gas turbines and duct burners, or shall allow air pollution control agency representatives to obtain a sample for analysis.
28. The  $\text{NH}_3$  concentration in each Exhaust Stack (EPNs 61STK\_001, 61STK\_002, 61STK\_003, and 55STK\_001) shall be tested or calculated according to requirements in Special Condition No. 85.
29. Operating limits specified below shall be expressed in parts per million by volume dry basis (ppmvd) when corrected to 15 percent  $\text{O}_2$  and apply during normal operation except when operating within the range specified in Special Condition No. 98.A.

The maintenance notification described in 30 TAC § 101.211 and § 101.219 is not required for periods of water washing the turbine.

#### **Cogen Power Plant 2 (EPN - 55STK\_001)**

30. The concentrations of  $\text{NO}_x$ , CO, and ammonia ( $\text{NH}_3$ ) from the turbine and duct burners shall not exceed the following values during normal operation except when operating within the range specified in Special Condition No. 98.

Pollutant	Concentration Limit
Carbon Monoxide (CO)	10 ppmvd hourly average
Nitrogen Oxides ( $\text{NO}_x$ )	9 ppmvd hourly average corrected to 15 percent Oxygen ( $\text{O}_2$ ) while firing natural gas
	13 ppmvd hourly average corrected to 15 percent Oxygen ( $\text{O}_2$ ) while firing refinery fuel gas
Ammonia	10 ppmvd hourly average corrected to 15 percent Oxygen ( $\text{O}_2$ )

(2/11)

#### **Co-Gen Power Plant 4 (2/11)**

31. The three CTG units authorized by this permit have a maximum design capacity of 172 megawatts (base load) each at International Standards Organization conditions, 288 Kelvin, 101.3 kilopascals, and 60 percent relative humidity.
32. The concentrations of  $\text{NO}_x$ , CO, and  $\text{NH}_3$  from each CTG shall not exceed the following values during normal operation except when operating within the range specified in Special Condition No. 98.

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Pollutant	Concentration Limit
Carbon Monoxide (CO)	25 ppmvd hourly average
Nitrogen Oxides (NOx)	7.3 ppmvd hourly average corrected to 15 percent Oxygen (O <sub>2</sub> ) while firing natural gas
VOC	4 ppmvd hourly average corrected to 15 percent Oxygen (O <sub>2</sub> ) determined by performance test
Ammonia	9.5 ppmvd hourly average corrected to 15 percent Oxygen (O <sub>2</sub> )

#### Coke Handling

33. There shall be no visible emissions from:

- A. The coke handling operations, or
- B. The inbound coke conveyors from the coke drums to the stockpile.

All coke handled at this facility shall be handled wet. If this condition is violated, further controls shall be installed and/or implemented as required to eliminate such visible emissions.

34. Cutting of product coke from the coking drums shall be accomplished by the use of high-pressure water. The product coke shall be maintained at a moisture content of at least 4 percent at all times, including while being handled in the stockpile area and while being loaded. The moisture content should be measured according to Special Condition No. 80.
35. All outbound conveyors used for coke transfer shall be located below grade or shall be covered. Conveyor drop points shall be totally enclosed. Coke loading into marine vessels shall be done inside the cargo hold below deck. The conveyor covers are considered abatement equipment and shall be kept in good repair. The presence of cover holes larger than one inch across or of covers with missing sections shall not be considered good repair.
36. The coke stockpile area shall be watered, treated with dust-suppressant chemicals, oiled, or paved and cleaned, as necessary, to insure that there are no visible emissions. A retaining wall shall be maintained around this area.
37. All chemical or water sprays used to control coke handling emissions equipment shall be properly maintained and operated as needed to maintain dust suppression during the operation of these facilities. Cleaning and maintenance of this control equipment shall be performed, as necessary, so that the equipment efficiency can be adequately maintained.
38. Coke handling operations must meet testing requirements found in Special Condition No. 79.

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**Sulfur Recovery Unit (SRU)**

39. SRU 1, 2, and 3 shall be an "affected facility," as that term is used in 40 CFR Part 60, Subparts A and J. (EPA CD 12/13/2005, Paragraph 63) **(09/07)**

- A. The holder of this permit shall ensure that SRU 1, 2, and 3 complies with all applicable provisions of NSPS set forth at 40 CFR Part 60, Subpart A and J, including (but not limited to) the following: **(EPA CD 12/13/2005, Paragraph 64) (06/06)**
- B. The permit holder shall, for all periods of operation of SRU 1, 2, and 3 comply with 40 CFR § 60.104(a)(2) except during periods of startup, shutdown, or malfunction. The startup/shutdown provisions set forth in NSPS Subpart A shall not apply to independent startup or shutdown of a TGU serving as a control device for SRUs 1, 2, and 3. This paragraph does not authorize start-up, shutdown, and maintenance activities. Upset and malfunction emissions are still subject to the applicable 30 TAC Chapter 101 requirements.
- C. The permit holder shall monitor all emissions points (stacks) to the atmosphere for Tail Gas emissions and shall monitor and report excess emissions from SRU 1, 2, and 3 as required by 40 CFR §§ 60.7(c), 60.13, and 60.15(a)(5), (6), or (7). The permit holder shall conduct emissions monitoring from SRU 1, 2, and 3 with CEMs that are compliant with NSPS requirements at all of the emission points, unless an SO<sub>2</sub> alternative monitoring procedure has been approved by EPA, pursuant to 40 CFR § 60.13(i), for any of the emission points. The requirement for continuous monitoring of SRU 1, 2, and 3 emission points is not applicable to acid gas flaring devices used to flare the acid gas or sour water stripper gas diverted from SRU 1, 2, and 3.
- D. The permit holder shall maintain plans for enhanced maintenance and operation for the Sulfur Recovery Plants (SRP), the control devices, and the appropriate upstream process units. Those plans, collectively, shall be termed the Preventative Maintenance and Operations Plans ("PMO Plans").

The PMO Plans shall be a compilation of the permit holder's approaches for exercising good air pollution control practices and for minimizing SO<sub>2</sub> emissions from sulfur processing and upstream process units. The PMO Plans shall include, but shall not be limited to, sulfur shedding procedures, startup and shutdown procedures of the SRPs, control devices and upstream process units, emergency procedures and schedules to coordinate maintenance turnarounds of the SRP Claus trains and any control device to coincide with scheduled turnarounds of major upstream process units. The permit holder shall implement the PMO Plans at all times, including periods of startup, shutdown and malfunction, consistent with the requirements imposed by 40 CFR §60.11(d). Changes may be made to the PMO Plans as needed and updated PMO Plans shall be kept on site. **(EPA CD 12/13/2005, Paragraph 65(a))**

PMO Plans shall be made available to representatives of the TCEQ upon request.

- E. The permit holder shall comply with all Root Cause Failure Analysis requirements in Attachment E, for Tail Gas Incidents, as that term is defined therein. **(EPA CD 12/13/2005, Paragraphs 79 and 91(a))**

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The permit holder shall maintain on site a copy of each report created in accordance with the Root Cause Failure Analysis requirements in Attachment E, and a list indicating all such reports. These records shall be made immediately available on request by authorized representatives of the TCEQ. **(8/14)**

40. All tail gas from all three SRUs shall be routed to the two tail gas cleanup units.
41. The minimum SRU sulfur recovery efficiency shall be 99.8 percent. The sulfur recovery efficiency shall be determined by calculation as follows:

$$\text{Efficiency} = \frac{(\text{S recovered}) * (100)}{(\text{S in acid gas})}$$

Where:

Efficiency = sulfur recovery efficiency, percent

S recovered = total sulfur recovered, pounds per hour (lbs/hr)

S in acid gas = total sulfur in acid gas stream, lbs/hr

Total sulfur recovered shall be calculated as follows:

$$\text{S recovered} = \text{S in acid gas} - \text{S in incinerator stack}$$

Where:

S in incinerator stack = total sulfur in SRU stack, lbs/hr

42. The stack burner/thermal oxidizer shall be operated with not less than 3 percent O<sub>2</sub> in the SRU stack and not less than 950°F thermal oxidizer firebox temperature as determined on a top of the hour average. The stack burner/thermal oxidizer firebox exit temperature, O<sub>2</sub> concentration and exhaust stack flow rate shall be continuously monitored according to Special Condition No. 81.

The permit holder shall perform stack sampling in accordance to Special Condition No. 86 within 180 days of replacing the thermal oxidizer burner authorized by the July 2011 amendment, PI-1 form dated May 5, 2011. **(8/11)**

43. The capture systems for the SRU Thermal Oxidizer (EPN 32STK\_001) must comply with the requirements in Special Condition No. 76.
44. The permit holder shall route all sulfur pit emissions as follows: **(EPA CD 12/13/05, Paragraph 69a. and e.):**
- A. The permit holder shall route or re-route all sulfur pit emissions so that they are eliminated, controlled or included and monitored as part of the emissions subject to the relevant NSPS Subpart J limit, 40 CFR § 60.104(a)(2). (Complete)

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- B. Periodic maintenance may be required for properly designed and operated sulfur pit emission control systems and/or equipment. The permit holder will take all reasonable measures to minimize emissions while such periodic maintenance is being performed.
- 45. Emissions from the sulfur pits shall be routed to the stack burner or to the SRU Reaction Furnace. During those periods when the stack burner or Reaction Furnace is not operational or when the thermal oxidizer is out of service, the sulfur pit emissions shall be routed through a carbon adsorption system (CAS). The CAS must meet the requirements in Special Condition No. 78.
- 46. Emissions from the sulfur truck loading system shall be routed to the stack burner or a CAS consisting of at least two activated carbon canisters connected in series. The CAS must meet the requirements in Special Condition No. 78.
- 47. The H<sub>2</sub>S content of the SRU No. 2 and SRU No. 3 Vent Streams (EPNs 32VNT\_002 and 32VNT\_003) shall be continuously monitored at all times while the thermal oxidizer is out of service.

## Ketone 2

- 48. Methyl ethyl ketone and toluene shall be the solvents used in Ketone Plant No. 2. Use of another solvent shall only be authorized through a permit by rule claim and/or registration or a permit amendment. The use of a qualified facility claim to change solvent use is not allowed for facilities authorized by this permit.
- 49. Filters and Chillers in VOC Service on Ketone 2 Unit
  - A. Immediately, but no later than four hours after the monthly material balance indicates that the project VOC emissions are above the annual emission limit, plant personnel shall take the following actions:
    - (1) Inspect for a potential leak
    - (2) Isolate the leaking component.
    - (3) Commence repair or replacement of the leaking component.
    - (4) Use a leak collection/containment system to mitigate the leak until repair or replacement can be made if immediate repair is not possible.
  - B. If the repair of a component would require a unit, filter or chiller shutdown, the repair may be delayed until the next scheduled shutdown.

## Heaters/Boilers

- 50. Each heater and boiler that is used to combust refinery fuel gas shall be an "affected facility", as that term is used in 40 CFR Part 60, Subparts A and J, and shall be subject to and comply with all applicable requirements of the EPA regulations in 40 CFR Part 60, Subparts A and J, except as indicated below. **(EPA CD 12/13/2005, Paragraph 59a, 59b, 59c and 59d)**



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The following heaters shall be subject to the requirements and conclusions of the EPA Response letters incorporated in Attachment F as indicated below.

Heater	Letter Date	ADI Control No.
CHD-1 B-1 Heater	November 17, 2011	1100025
PtR-4 Reformer Heater	November 17, 2011	1100026
Crude A B-1A Heater	February 3, 2012	1200069

- A. The following heaters shall comply with all applicable requirements of 40 CFR Part 60, Subparts A and Ja: SCANfiner F-100 1<sup>st</sup> Stage Heater (EPN: 69STK\_001) SCANfiner F-101 2<sup>nd</sup> Stage Heater (EPN: 69STK\_002), KHDT Feed Preheater F-2001 (EPN: 71STK\_001), KHDT Stripper Reboiler F-2002 (EPN: 71STK\_002), DHDT Feed Preheater F-3001 (EPN: 72STK\_001), and DHDT Stripper Reboiler F-3002 (EPN: 72STK\_002). Emissions of CO from these heaters shall not exceed 100 ppmvd CO corrected to 3 percent O<sub>2</sub> on an hourly average except when operating within the range specified in Special Condition No. 98 and 50 ppmvd CO corrected to 3 percent O<sub>2</sub> on an annual average. Emissions of NO<sub>x</sub> from these heaters shall not exceed 0.04 lb/MMBtu on an hourly average except when operating within the range specified in Special Condition No. 98 or when operating in turndown (less than 50% of the represented firing duty). When operating in turndown, the heaters shall comply with the represented emission rate limits or a NSPS Subpart Ja site-specific NO<sub>x</sub> limit according to 40 CFR 60, Subpart Ja. Compliance with the CO and NO<sub>x</sub> concentration limits as BACT performance indicators shall be demonstrated via Special Condition No. 86. Compliance with applicable NSPS Ja NO<sub>x</sub> concentration and/or emission limits shall be demonstrated via Special Condition No. 71. **(5/19)**
- B. The following heater shall comply with all applicable requirements of 40 CFR Part 60, Subparts A and Ja: APS Heater F-1001 (EPN: 70STK\_001). Emissions of CO from this heater shall not exceed 100 ppmvd CO corrected to 3 percent O<sub>2</sub> on an hourly average except when operating within the range specified in Special Condition No. 98 and 50 ppmvd CO corrected to 3 percent O<sub>2</sub> on an annual average. Emissions of NO<sub>x</sub> from this heater shall not exceed 0.015 lb/MMBtu on an hourly average except when operating within the range specified in Special Condition No. 98 or when operating in turndown (less than 50% of the represented firing duty). When operating in turndown, the heater shall comply with the represented emission rate limit or a NSPS Ja site-specific NO<sub>x</sub> limit according to 40 CFR 60, Subpart Ja. Emissions of NH<sub>3</sub> shall not exceed 15 ppmvd corrected to 3 percent O<sub>2</sub> on an hourly average except when operating within the range specified in Special Condition No. 98. Compliance with applicable CO and NSPS Ja NO<sub>x</sub> concentration/emission limits shall be demonstrated via Special Condition No. 71. Compliance with the CO and NO<sub>x</sub> concentration limits as BACT performance indicators shall be demonstrated via Special Condition Nos. 86. **(5/19)**
51. Emissions of NO<sub>x</sub> from the Emission Points listed in Table 2 shall not exceed the referenced pound (lb) NO<sub>x</sub> per million British thermal unit (MMBtu) of heat input on a 30-day rolling average period based on the HHV of the fuel during normal operation.
52. Emissions of NO<sub>x</sub> from Boilers 33 and 34 shall not exceed 0.06 lb/MMBtu of heat input based on the higher heating value (HHV) of the fuel during normal operation as determined on a 30-day rolling average period. **(02/13)**

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53. Emissions of CO from Boilers 33 and 34 shall not exceed 100 ppmvd when corrected to 3 percent oxygen during normal operations as determined on an hourly average basis.
54. Emissions of PM<sub>10</sub> from Heater H-3402 shall not exceed 15.5 lbs PM/MMscf of fuel-fired. Emissions of PM<sub>10</sub> from Heaters H-3403 through H-3406 shall not exceed 12.7 lbs PM, MMscf of fuel-fired. **(PSD)**
55. Emissions of PM<sub>10</sub> from the Crude Unit B Crude Heater Stack (EPN 05STK\_001) and Reformer No. 4 Charge Heater Stack (EPN 28STK\_003) shall not exceed 0.0066 pound (lb) per MMBtu of heat input as determined on a 30-day rolling average period. For purposes of determining compliance with the emission limits, all PM shall be considered PM<sub>10</sub>. **(PSD 10/90)**

### Boilers 25 and 26

56. Boilers 25 and 26 (EPNs 56STK\_025 and 56STK\_026) shall be fired with natural gas and plant fuel gas containing no more than 5 grains of total sulfur per 100 dry standard cubic feet (dscf) and 10 grains of total sulfur per 100 dscf, respectively. **(1/20)**
57. NO<sub>x</sub>, CO, and NH<sub>3</sub> emissions from Boilers 25 AND 26 (EPNs 56STK\_025 and 56STK\_026) shall not exceed the following, except when operating within the range specified in Special Condition No. 98: **(1/20)**
  - A. 0.015 lb NO<sub>x</sub>/MMBtu hourly average when firing plant fuel gas or natural gas, and 0.015 lb NO<sub>x</sub>/MMBTU on an annual average when firing plant fuel gas and 0.01 lb NO<sub>x</sub>/MMBtu on an annual average when firing natural gas. Plant fuel gas may contain up to 75% natural gas.
  - B. 100 ppmvd CO corrected to 3 percent oxygen hourly average and 50 ppmvd CO corrected to 3 percent oxygen on an annual average.
  - C. Ammonia (NH<sub>3</sub>) – 10 parts per million (ppm) corrected to 3 % oxygen (O<sub>2</sub>) on a rolling 24-hour average.
58. The natural gas and fuel gas shall be sampled every 6 months to determine total sulfur and net heating value. Test results from the fuel supplier may be used to satisfy this requirement. **(1/20)**
59. The holder of this permit shall install a continuous H<sub>2</sub>S monitoring system in a portion of the fuel gas system common to the combustion devices covered by this permit in accordance with the fuel sulfur monitoring requirements of 40 CFR §60.107(a), as applicable. **(1/20)**

### **Storage of VOC**

60. At these permitted facilities, the following conditions apply for the storage and loading of VOC:
  - A. Storage tanks are subject to the following requirements. The control requirements specified in Paragraphs B-F of this condition shall not apply:

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- (1) Where the VOC has an aggregate partial pressure of less than 0.50 psia at the maximum expected operating temperature; or
  - (2) To storage tanks smaller than 25,000 gallons.
- B. An internal floating deck or "roof" or equivalent control shall be installed in all tanks. The floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:
  - (1) A liquid-mounted seal;
  - (2) Two continuous seals mounted one above the other; or
  - (3) A mechanical shoe seal.
- C. An open-top tank containing a floating roof (external floating roof tank) which uses double seal or secondary seal technology shall be an approved control alternative to an internal floating roof tank provided the primary seal consists of either a mechanical shoe seal or a liquid-mounted seal and the secondary seal is rim-mounted. A weather shield is not approvable as a secondary seal unless specifically reviewed and determined to be vapor-tight.
- D. For any tank equipped with a floating roof, the holder of this permit shall follow 40 CFR § 60.113b, Testing and Procedures, to verify seal integrity.
- E. The floating roof design shall incorporate sufficient flotation to conform to the requirements of API Code 650 in effect at the time of construction of the tank except that an internal floating cover need not be designed to meet rainfall support requirements and the materials of construction may be steel or other materials.
- F. Storage tanks with uninsulated tank exterior surfaces exposed to the sun shall be white, silver or aluminum, with the exception of company logos, tank identification numbers, and other cosmetic painting not to exceed 15 percent of each uninsulated tank surface. Existing uninsulated refinery tanks painted any other color than the above are required to be painted as described above no later than the next scheduled painting activity.
- G. Storage tanks must be equipped with permanent submerged fill pipes.
- H. The following Slotted Guide-pole Control and Maintenance Requirements apply to Storage Tanks 1389, 1390, 1392, 2235, 2236, 2237, 2238, and 2239 **(EPA Storage Tank Emission Reduction Partnership Agreement dated April 2001) (8/10):**
  - (1) Each external floating roof storage tank shall be equipped with one of the following controls:
    - (a) A pole float system,
    - (b) a pole sleeve system,
    - (c) an internal sleeve emission control system,
    - (d) a solid guide-pole system,
    - (e) a flexible enclosure system,

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- (f) a cover on external floating roof tanks, or
    - (g) an alternative control technology or any other combination of technologies shown to have an emission factor less than or equal to the emission factor for the above identified control systems.
  - (2) Each storage tank shall operate the sliding cover in place over the slotted-guide pole opening through the floating roof at all times except when the sliding cover must be removed for access. If the control technology used includes a guide pole float, the float shall be floating within the guide pole at all times except when it must be removed for access to the stored liquid or when the tank is empty.
  - (3) The deck fitting for slotted guide-poles shall be visually inspected at least once every 10 years and each time the vessel is emptied and degassed. If the slotted guide-pole deck fitting or control devices have defects, or if a gap of more than 0.32 centimeters (1/8 inch) exists between any gasket required for control of the slotted guide-pole deck fitting and any surface that is intended to seal, such items shall be repaired before filling or refilling the storage vessel with regulated material.
  - (4) Tanks taken out of hydrocarbon service, for any reason, are not required to have any controls in place during the time they are taken out of service.
61. The benzene content of gasoline in Tanks 2237, 2238, and 2239 shall not exceed 5 percent by weight. The benzene content of aromatic concentrate (AC) stored in Tank 1390 (EPN 48TIF\_1390) shall not exceed 34 percent by weight during a planned MSS activity on the tank. Records of benzene content shall be kept when tanks 2237, 2238, and 2239 when storing gasoline and for tank 1390 when storing materials aromatic concentrate. **(05/14)**
62. Storage Tank 491 shall vent to a closed system routed to either a flare or back to the process. **(11/11)**
63. Pressure Vessels 2230, 2231, 2232, 2140, 2142, 2154, 2155, 2159, 2170, 2171, 2172, 2216, 2217, 2218, 2219, 2220, and 2233 shall not vent directly to the atmosphere.

## Refinery Marine Loading

64. Marine loading at the site are subject to the following conditions:
- A. The loading of refinery liquids (raw materials and products) at the wharves is restricted to the material types listed in Table 5, unless authorized in accordance with Special Condition No. 8.
  - B. Barge and ship VOC loading operations for VOC compounds having a true vapor pressure equal to or greater than 0.5 pound per square inch absolute (psia) at 100°F are subject to the following controls:
    - (1) The loading emissions shall be collected and routed to the Marine Flare (EPN 60FLR\_009) with a destruction efficiency of at least 98.0 percent for all VOC.
    - (2) Barges and ships loaded at the marine terminal authorized in this permit shall be leak-tested once in a 12 month period using the leak testing methods of NESHAP, Subpart BB.

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A barge or ship shall not be loaded with any chemical authorized through this permit and a permit by rule claim authorization at this barge and ship wharf if no valid proof of the leak testing is shown.

- (3) The holder of this permit shall maintain loading equipment for barges and ships in such a manner that vapor tight connections at the barge and ship can be made.
- (4) If vapor-tight connections are not maintained and operated for each barge and ship loading operation, the loading process shall cease within two hours of a loading equipment malfunction. Additional loading requiring vapor-tight connections should not begin until the problem(s) with the vapor-tight connections are corrected.

A pressure monitoring device shall be installed to continuously measure a vacuum of more than 1.50 inches of water in the vapor collection system. The pressure monitoring device will be installed at the common point of the vapor collection system. In the event the pressure monitoring device is not functioning properly or a vacuum of less than 1.50 inches of water is detected then loading operation(s) shall cease within two hours of a loading equipment malfunction. Additional loading requiring use of the marine flare should not begin until the problems with pressure monitoring device(s) are repaired.

- (5) If a vapor leak is detected by sight, sound, smell or hydrocarbon gas analyzer during the loading operation, then a first attempt shall be made as soon as possible to repair the leak. VOC liquid loading operation into each barge and each ship shall cease if the first attempt to repair the leak, to less than 10,000 parts per million by volume (ppmv) or 20 percent of the lower explosive limit, is not successful. No additional loadings shall be made into the cargo tank until a successful repair has been completed and barge and/or ship vessel is recertified for vapor tightness.
- C. Inspection for visible liquid leaks, visible fumes or significant odors resulting from VOC barge and ship transfer operations shall be conducted during each transfer by the owner or operator of the VOC loading and unloading operation or the owner or operator of the barge and/or ship.
  - D. If a liquid leak is detected during the barge and/or ship VOC liquid loading operation and cannot be repaired immediately (for example, by tightening a bolt), then the barge and/or ship VOC liquid transfer operation shall cease until the leak is repaired.
  - E. All shore-based equipment is subject to the fugitive emissions monitoring requirements of Special Condition No. 69. Shore-based equipment includes (but is not limited to) all equipment such as loading arms, pumps, meters, shutoff valves, relief valves, and other piping and valves between the marine loading facility and the vapor recovery system and between the marine loading facility and the associated land-based storage tanks, excluding working emissions from the storage tanks. **(02/13)**

## Marine Loading of Gasoline at Wharfs 4 and 5

- 65. The following additional requirements apply to loading of motor vehicle gasoline at Wharfs 4 and 5 onto inerted marine vessels (ships), where a VOC collection efficiency of 99.0 percent has been represented. **(4/17)**

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- A. The twelve-month rolling average gasoline loading throughput at the wharves is limited to 2,570,400,000 gallons per year.
- B. Before loading, the owner or operator of the marine terminal shall verify that the marine vessel has passed an annual vapor tightness test as specified in 40 CFR §63.565(c) (September 19, 1995) or 40 CFR §61.304(f) (October 17, 2000) within the previous twelve months.
- C. The pressure at the vapor collection connection of an inerted marine vessel must be maintained such that the pressure in a vessel's cargo tank does not exceed 80 percent of the lowest setting of any of the vessel's pressure relief valves. The lowest vessel cargo tank or vent header pressure relief valve setting for the vessel being loaded shall be recorded. Pressure shall be continuously monitored while the vessel is being loaded. Pressure shall be recorded at fifteen minute intervals.
- D. VOC loading rates shall be recorded during loading. The loading rate must not exceed the maximum permitted loading rate.
- E. During loading, the owner or operator of the marine terminal or of the marine vessel shall conduct audio, olfactory, and visual checks for leaks once every 8 hours for on-shore equipment and on board the ship.
  - (1) If a liquid leak is detected during loading and cannot be repaired immediately (for example, by tightening a bolt or packing gland), then the loading operation shall cease until the leak is repaired.
  - (2) If a vapor leak is detected by sight, sound, smell, or hydrocarbon gas analyzer during the loading operation, then a "first attempt" shall be made to repair the leak. Loading operations need not be ceased if the first attempt to repair the leak is not successful provided that the first attempt effort is documented by the owner or operator of the marine vessel and a copy of the repair log is made available to a representative of the marine terminal.
  - (3) If the attempt to repair the leak is not successful and loading continues, emissions from the loading operation for that ship shall be calculated assuming a collection efficiency of 95 percent.
  - (4) Date and time of each inspection shall be noted in the operator's log or equivalent. Records shall be maintained at the plant site of all repairs and replacements made due to leaks. These records shall be made available to representatives of the Texas Commission on Environmental Quality (TCEQ) upon request.

### NH<sub>3</sub> Storage Tanks

- 66. The service of the 14,400-gallon (maximum fill capacity 12,500-gallon) NH<sub>3</sub> storage tank represented in this permit is limited to the storage of anhydrous NH<sub>3</sub> only.
- 67. Tank (EPN 56FTX\_5048) service is limited to storing the following liquid: aqueous NH<sub>3</sub> only.  
**(1/20)**
- 68. Storage tank, EPN 56FTX\_5048, is subject to the following requirements:**(1/20)**

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- A. Except for labels, logos, etc. not to exceed 15 percent of the tank total surface area, uninsulated tank exterior surfaces exposed to the sun shall be white or unpainted aluminum. Storage tanks must be equipped with permanent submerged fill pipes.
- B. The permit holder shall maintain an emissions record which includes calculated emissions of ammonia from this storage tank during the previous calendar month and the past consecutive 12 month period. The record shall include tank identification number, control method used, tank capacity in gallons, name of the material stored, liquid molecular weight, liquid monthly average temperature in degrees Fahrenheit, liquid vapor pressure at the monthly average material temperature in psia, liquid throughput for the previous month and year-to-date. Records of liquid monthly average temperature are not required to be kept for unheated tanks which receive liquids that are at or below ambient temperatures.

Emissions from tanks shall be calculated using the methods that were used to determine the MAERT limits in the permit amendment application, Form PI-1 dated July 8, 2019. Sample calculations from the application shall be available at the plant site.

## Process Fugitive Monitoring

### ***Piping, Valves, Connectors, Pumps, Agitators, and Compressors - 28VHP***

69. Except as may be provided for in the special conditions of this permit, the following requirements apply to the above-referenced equipment: **(5/17)**

- A. The requirements of paragraphs G and H shall not apply (1) where the Volatile Organic Compound (VOC) has an aggregate partial pressure or vapor pressure of less than 0.044 pounds per square inch, absolute (psia) at 68°F or (2) operating pressure is at least 5 kilopascals (0.725 psi) below ambient pressure. Equipment excluded from this condition shall be identified in a list or by one of the methods described below to be made readily available upon request.

The exempted components may be identified by one or more of the following methods:

- (1) piping and instrumentation diagram (PID);
  - (2) a written or electronic database or electronic file;
  - (3) color coding;
  - (4) a form of weatherproof identification; or
  - (5) designation of exempted process unit boundaries.
- B. Construction of new and reworked piping, valves, pump systems, and compressor systems shall conform to applicable American National Standards Institute (ANSI), American Petroleum Institute (API), American Society of Mechanical Engineers (ASME), or equivalent codes.
  - C. New and reworked underground process pipelines shall contain no buried valves such that fugitive emission monitoring is rendered impractical. New and reworked buried connectors shall be welded.

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- D. To the extent that good engineering practice will permit, new and reworked valves and piping connections shall be so located to be reasonably accessible for leak-checking during plant operation. Difficult-to-monitor and unsafe-to-monitor valves, as defined by Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), shall be identified in a list to be made readily available upon request. The difficult-to-monitor and unsafe-to-monitor valves may be identified by one or more of the methods described in Subparagraph A above. If an unsafe-to-monitor component is not considered safe to monitor within a calendar year, then it shall be monitored as soon as possible during safe-to-monitor times. A difficult-to-monitor component for which quarterly monitoring is specified may instead be monitored annually.
- E. New and reworked piping connections shall be welded or flanged. Screwed connections are permissible only on piping smaller than two-inch diameter. Gas or hydraulic testing of the new and reworked piping connections at no less than operating pressure shall be performed prior to returning the components to service or they shall be monitored for leaks using an approved gas analyzer within 15 days of the components being returned to service. Adjustments shall be made as necessary to obtain leak-free performance. Connectors shall be inspected by visual, audible, and/or olfactory means at least weekly by operating personnel walk-through.
- F. Each open-ended valve or line shall be equipped with an appropriately sized cap, blind flange, plug, or a second valve to seal the line. Except during sampling, both valves shall be closed. If the isolation of equipment for hot work or the removal of a component for repair or replacement results in an open ended line or valve, it is exempt from the requirement to install a cap, blind flange, plug, or second valve for 72 hours. If the repair or replacement is not completed within 72 hours, the permit holder must complete either of the following actions within that time period.
- (1) a cap, blind flange, plug, or second valve must be installed on the line or valve; or
  - (2) the open-ended valve or line shall be monitored once for leaks above background for a plant or unit turnaround lasting up to 45 days with an approved gas analyzer and the results recorded. For all other situations, the open-ended valve or line shall be monitored once within the 72 hour period following the creation of the open ended line and monthly thereafter with an approved gas analyzer and the results recorded. For turnarounds and all other situations, leaks are indicated by readings of 500 ppmv and must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve.
- G. Accessible valves shall be monitored by leak-checking for fugitive emissions at least quarterly using an approved gas analyzer. Sealless/leakless valves (including, but not limited to, welded bonnet bellows and diaphragm valves) and relief valves equipped with a rupture disc upstream or venting to a control device are not required to be monitored. If a relief valve is equipped with rupture disc, a pressure-sensing device shall be installed between the relief valve and rupture disc to monitor disc integrity.

A check of the reading of the pressure-sensing device to verify disc integrity shall be performed at least quarterly and recorded in the unit log or equivalent. Pressure-sensing devices that are continuously monitored with alarms are exempt from recordkeeping requirements specified in this paragraph. All leaking discs shall be replaced at the earliest opportunity but no later than the next process shutdown.



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The gas analyzer shall conform to requirements listed in Method 21 of 40 CFR part 60, appendix A. The gas analyzer shall be calibrated with methane. In addition, the response factor of the instrument for a specific VOC of interest shall be determined and meet the requirements of Section 8 of Method 21. If a mixture of VOCs is being monitored, the response factor shall be calculated for the average composition of the process fluid. A calculated average is not required when all of the compounds in the mixture have a response factor less than 10 using methane. If a response factor less than 10 cannot be achieved using methane, then the instrument may be calibrated with one of the VOC to be measured or any other VOC so long as the instrument has a response factor of less than 10 for each of the VOC to be measured.

Replacements for leaking components shall be re-monitored within 15 days of being placed back into VOC service.

- H. Except as may be provided for in the special conditions of this permit, all pump, compressor, and agitator seals shall be monitored with an approved gas analyzer at least quarterly or be equipped with a shaft sealing system that prevents or detects emissions of VOC from the seal. Seal systems designed and operated to prevent emissions or seals equipped with an automatic seal failure detection and alarm system need not be monitored. These seal systems may include (but are not limited to) dual pump seals with barrier fluid at higher pressure than process pressure, seals degassing to vent control systems kept in good working order, or seals equipped with an automatic seal failure detection and alarm system. Submerged pumps or sealless pumps (including, but not limited to, diaphragm, canned, or magnetic-driven pumps) may be used to satisfy the requirements of this condition and need not be monitored.
- I. Damaged or leaking valves or connectors found to be emitting VOC in excess of 500 parts per million by volume (ppmv) or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. Damaged or leaking pump, compressor, and agitator seals found to be emitting VOC in excess of 2,000 ppmv or found by visual inspection to be leaking (e.g., dripping process fluids) shall be tagged and replaced or repaired. A first attempt to repair the leak must be made within 5 days and a record of the attempt shall be maintained.
- J. Leaking component shall be repaired as soon as practicable, but no later than 15 days after the leak is found. If the repair of a component would require a unit shutdown that would create more emissions than the repair would eliminate, the repair may be delayed until the next scheduled shutdown. All leaking components which cannot be repaired until a scheduled shutdown shall be identified for such repair by tagging within 15 days of the detection of the leak. A listing of all components that qualify for delay of repair shall be maintained on a delay of repair list. The cumulative daily emissions from all components on the delay of repair list shall be estimated by multiplying by 24 the mass emission rate for each component calculated in accordance with the instructions in 30 TAC 115.782 (c)(1)(B)(i)(II). The calculations of the cumulative daily emissions from all components on the delay of repair list shall be updated within ten days of when the latest leaking component is added to the delay of repair list. When the cumulative daily emission rate of all components on the delay of repair list times the number of days until the next scheduled unit shutdown is equal to or exceeds the total emissions from a unit shutdown as calculated in accordance with 30 TAC 115.782 (c)(1)(B)(i)(I), the TCEQ Regional Manager and any local programs shall be notified and may require early unit shutdown or other appropriate action

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based on the number and severity of tagged leaks awaiting shutdown. This notification shall be made within 15 days of making this determination

As an alternative to comparing the daily emission rate of the components on the delay of repair (DOR) list to the total emissions from a unit shutdown per the requirements of this special condition, the cumulative hourly emission rate of all components on the DOR list may be compared to 10 percent of the fugitive emissions short-term contribution to the Flexible Permit VOC cap in order to determine if the TCEQ Regional Director and any local program is to be notified.

- K. Records of repairs shall include date of repairs, repair results, justification for delay of repairs, and corrective actions taken for all components. Records of instrument monitoring shall indicate dates and times, test methods, and instrument readings. The instrument monitoring record shall include the time that monitoring took place for no less than 95 percent of the instrument readings recorded. Records of physical inspections shall be noted in the operator's log or equivalent.
- L. Alternative monitoring frequency schedules of 30 TAC §§ 115.352 - 115.359 or National Emission Standards for Organic Hazardous Air Pollutants, 40 CFR Part 63, Subpart H, may be used in lieu of Items F through G of this condition.
- M. Compliance with the requirements of this condition does not assure compliance with requirements of 30 TAC Chapter 115, an applicable New Source Performance Standard (NSPS), or an applicable National Emission Standard for Hazardous Air Pollutants (NESHAPS) and does not constitute approval of alternative standards for these regulations.
- N. All reciprocating pumps and process drains shall be monitored annually in accordance with this special condition utilizing a leak definition of 10,000 ppmv VOC: If a leak is detected on a process drain, the holder of this permit shall conduct corrective actions to eliminate the leak (i.e., flush the drain, repair the water trap, insert wood plug, etc.). Records of all leaking drains and repairs shall be maintained on-site for a period of two years and made available to representatives of the TCEQ upon request.
- O. An approved gas analyzer shall conform to requirements listed in 40 CFR § 60.485(a)-(b).

### ***Piping, Valves, Connectors, Flanges, Pumps and Compressors in H<sub>2</sub>S and NH<sub>3</sub> Service in the fugitive areas identified in Table 3***

- 70. Checks for H<sub>2</sub>S leaks within the operating area shall be made at least once every six hours. The method for performing these requirements shall be by checking with electronic personnel monitoring equipment, lead acetate strip or other leak detection equipment capable of detecting H<sub>2</sub>S in parts per million (ppm). The device(s) will alarm at an H<sub>2</sub>S level of 10 ppm. Audio, olfactory, and visual checks for ammonia leaks within the operating area shall be made at least once every six hours. **(1/18)**
  - A. Immediately, but no later than one hour upon detection of a leak, plant personnel shall take the following actions:
    - (1) Isolate the leak.
    - (2) Commence repair or replacement of the leaking component.

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- (3) Use a leak collection or containment system to prevent the leak until repair or replacement can be made if immediate repair is not possible.
- B. Date and time of each inspection shall be noted on the operator's logbook or equivalent. Records shall be maintained at the plant site of times leaks are detected, along with records of all repairs and replacements made with times completed. These records shall be made available to representatives of the TCEQ upon request.

## Continuous Emission Monitoring Systems (CEMS)

- 71. The permit holder shall install, calibrate, and maintain a continuous emission monitoring system (CEMS) to measure and record the in-stack concentration of indicated air pollutants from the units named in Table 4. Each CEMS shall be operated in accordance with the requirements of 40 CFR §60.13.
  - A. The CEMS shall meet the design and performance specifications, pass the field tests, and meet the installation requirements and the data analysis and reporting requirements specified in the applicable Performance Specification Nos. 1 through 9, 40 CFR Part 60, Appendix B. The CEMS shall be certified according to applicable test methods in Appendix A of 40 CFR Part 60. If there are no applicable performance specifications in 40 CFR Part 60, Appendix B, the permit holder shall contact the TCEQ Office of Air, Air Permits Division for requirements to be met.
  - B. The permit holder shall assure that the CEMS meets the applicable quality-assurance requirements specified in 40 CFR Part 60, Appendix F, Procedure 1. Supplemental stack concentration measurements may be required at the discretion of the appropriate TCEQ Regional Director. Cylinder Gas Audits performed four times per year on a calendar quarterly basis may be used in lieu of annual relative accuracy test audits (RATA) for non-NSPS and non NESHAP sources.

For the FCCU CO, NO<sub>x</sub> and SO<sub>2</sub> CEMS, unless Appendix F is otherwise required by NSPS, state law or regulation, or permit or approval, in lieu of the requirements of 40 CFR Part 60 Appendix F 5.1.1, 5.1.3, and 5.1.4, the permit holder may conduct:

- (1) either a Relative Accuracy Audit (RAA) or a Relative Accuracy Test Audit (RATA) once every three (3) years; and
- (2) a Cylinder Gas Audit (CGA) each calendar quarter in which the RAA or RATA is not performed.

## (EPA CD 12/31/2005, Paragraphs 21, 32, and 42)

- C. The monitoring data shall be reduced to hourly average concentrations at least once every hour, using a minimum of four equally-spaced data points from each one-hour period. The individual average concentrations shall be reduced to units of lbs per hour at least once every hour. Pound per hour shall be summed monthly to TPY and used to determine compliance with the annual emissions limits of this permit.
  - D. The data from the CEMS may, at the discretion of the TCEQ, be used to determine compliance with the conditions of this permit.

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- E. The appropriate TCEQ Regional Office shall be notified at least 30 days prior to any required RATA in order to provide them the opportunity to observe the testing.
  - F. Quality-assured (or valid) data must be generated when the each unit is operating except during the performance of a daily zero and span check loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the unit operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.
  - G. If any emission monitor fails to meet specified performance, it shall be repaired or replaced as soon as practicable, but no later than 18 days after it was first detected by any employee at the facility, unless permission is obtained from the TCEQ which allows for a longer repair/replacement time. The holder of this permit shall develop an operation and maintenance program (including stocking necessary spare parts) to ensure that the continuous monitors are available as required.
72. If applicable to 40 CFR Part 75, each CEMS will be required to meet the design and performance specifications, pass the field tests, and meet the installation requirements and data analysis and reporting requirements specified in the applicable performance specifications in 40 CFR Part 75, Appendix A. 40 CFR Part 75 is deemed an acceptable alternative to the performance specifications and quality assurance requirements of 40 CFR Part 60.
73. For Boiler Nos. 33 and 34, within 180 days after the installation of controls; install, certify, calibrate, maintain, and operate a CEMS to measure and record the concentrations of NO<sub>x</sub>, CO, and O<sub>2</sub> from each stack in accordance with the requirements of 40 CFR § 60.13 and Part 60 Appendices A and F, and the applicable performance specification test of 40 CFR Part 60 Appendix B. In addition, the permittee shall comply with the following: **(EPA CD 12/13/2005, Paragraphs 53i and 54) (Complete)**
- A. The CEMS information shall be used to demonstrate compliance with NO<sub>x</sub> and CO emission limits.
  - B. Unless Appendix F is otherwise required by the NSPS, state law or regulation, or a permit or approval, in lieu of the requirements of 40 CFR. Part 60, Appendix F § 5.1.1, 5.1.3, and 5.1.4, the permit holder may conduct (1) either a Relative Accuracy Audit (RAA) or a Relative Accuracy Text Audit (RATA) once every (3) years; and (2) a Cylinder Gas Audit (CGA) each calendar quarter in which a RAA or RATA is not performed. The CGA method to be used is contained in Appendix F, § 5.1.2. **(EPA CD 12/13/2005 Paragraph 53i and 54)**
  - C. The monitoring data for each boiler shall be reduced to hourly average concentrations at least once every hour, when the boiler is operating, using a minimum of four equally-spaced data points from each one-hour period. Concentrations shall be reduced to units of lb/hr and pounds per MMBtu at least once every hour. The lb/hr data shall be summed monthly to TPY, rolling average.
74. The permit holder shall continuously monitor ammonia emissions from EPN 06STK\_003 using one of the following methods:

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- A. Install and operate two NO<sub>x</sub> CEMS, one located between the CO boiler and the SCR system and the other located downstream of the SCR system, which are used in association with NH<sub>3</sub> injection rate and the following calculation procedure to estimate NH<sub>3</sub> slip.

$$\text{NH}_3 \text{ slip, ppmvd} = ((a - (b \times c / 1,000,000)) \times 1,000,000 / b) \times d$$

Where:

- a = ammonia injection rate (lb/hr)/17 (lb/lb-mole);
- b = dry exhaust gas flow rate (lb/hr)/29 (lb/lb-mole);
- c = change in measured NO<sub>x</sub> concentration, ppmvd, across catalyst; and
- d = correction factor.

The correction factor shall be derived during compliance testing by comparing the measured and calculated ammonia slip. Each flow monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the design value. The dry exhaust gas flow rate may be monitored in FCC scrubber exhaust stack.

- B. Install and operate a dual stream system of NO<sub>x</sub> CEMS at the exit of the FCCU scrubber. One of the exhaust streams would be routed, in an unconverted state, to one NO<sub>x</sub> CEMS and the other exhaust stream would be routed through a NH<sub>3</sub> converter to convert NH<sub>3</sub> to NO<sub>x</sub> and then to a second NO<sub>x</sub> CEMS. The NH<sub>3</sub> slip concentration shall be calculated from the delta between the two NO<sub>x</sub> CEMS readings (converted and unconverted).
- C. All CEMS specified in this condition must meet the requirements of Special Condition No. 71. Quality-assured (or valid) data must be generated when waste gas is directed to the SCR system.
75. The permit holder shall install and operate a fuel flow meter to measure the gas fuel usage for both boilers 25 and 26 (EPNs 56STK\_025 and 56STK\_026) in accordance with GHGPSDTX161M1 Special Condition 6. **(1/20)**

### Capture Systems

76. The following requirements apply to capture systems for the FCCU CO Boiler, FCCU SCR, FCCU WGS, and SRU 2/3 Thermal Oxidizer. **(4/17)**
- A. Conduct a once a month visual, audible, and/or olfactory inspection of the capture system to verify there are no leaking components in the capture system; or once a year, verify the capture system is leak-free by inspecting in accordance with 40 CFR Part 60, Appendix A, Test Method 21. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppmv above background.
  - B. The control device shall not have a bypass allowing diversion of captured VOC directly to the atmosphere, except for equipment needed for safety purposes such as pressure relief devices, low leg drains, high point bleeds, analyzer vents, and open-ended valves or lines.
  - C. If there is a bypass of a capture system, comply with either of the following requirements:

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- (1) Install a valve position indicator that records and verifies zero flow at least once every 15 minutes on each valve that if opened would allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or
- (2) Once a month, inspect the valves, verifying the position of the valves and the condition of the car seals that prevent flow out the bypass.

A deviation shall be reported if the monitoring or inspections indicate bypass of a control device with the exception of the following:

The FCCU CO Boiler may be bypassed once every three years for a boiler inspection and during the FCCU Full Burn regenerator operation. The SCR system may be bypassed during the shutdown of the CO Boiler, the restart of the CO Boiler, and during FCCU configuration change to and from Full Burn FCCU Regenerator operation. All permit emission and concentration limits apply during these periods except for the 150 ppmvd at zero percent O<sub>2</sub> hourly average for NO<sub>x</sub>. Records of bypass durations shall be kept at the plant site. **(09-16)**

- D. If any of the above inspections is not satisfactory, the permit holder shall initiate corrective action within 15 days unless the repair is technically infeasible or unsafe without a capture system shutdown or if it is determined that the emissions from repair are greater than the emissions likely to result from delay of repair.

## Carbon Adsorption Systems

77. At all times, Tank 411, 412, 432, 4026, 4028, 4029, 4184, Treater 3 Sump, API Skimmed Oil Sump, Wharf 2 Sump, Wharf 4 Sump, and Wharf 5 Sump shall vent through a carbon adsorption system (CAS) consisting of at least two activated carbon canisters connected in series. This condition does not apply when the liquid in the tank is operated below 0.5 psia at 100°F. **(11/11)**
  - A. The CAS shall be sampled weekly to determine breakthrough of VOC. The sampling point shall be at the outlet of the initial saturation canister but before the inlet to the second or final polishing canister. Sampling shall be done during operating conditions, reflecting maximum emission venting to the CAS.
  - B. The method of VOC sampling and analysis shall be by flame ionization detector (FID), photo ionization detector (PID), or an instrument approved by TCEQ Beaumont Regional Office. On each day that sampling is required, the FID or PID shall be calibrated prior to sampling with a certified gas mixture at 0 ppmv ± 10 percent and at 100 ppmv ± 10 percent. If a PID is used, the lamp strength must be greater than 11.0 eV. **(2/14)**
  - C. Breakthrough shall be defined as a measured VOC concentration of 100 ppmv. When the condition of breakthrough of VOC from the initial saturation canister occurs, the waste gas flow shall be switched to the second canister immediately. For saturated canisters of 55 gallons or less, a fresh canister shall be placed as the new final polishing canister within 8 hours of detection of breakthrough. For saturated canisters greater than 55 gallons, a fresh canister shall be placed as the new final polishing canister within 24 hours of detection of breakthrough. Breakthrough sampling shall be conducted each time the primary canister is changed and as otherwise required by this condition. Sufficient new activated carbon

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canisters shall be maintained at the site to replace spent carbon canisters such that replacements can be done in the above-specified time frames. **(1/18)**

- D. The holder of this permit may request a change in frequency of breakthrough sampling after completing at least one calendar year of sampling as specified above. The request shall include a copy of the CAS monitoring records specified in Paragraph 76.X of this condition and shall be submitted to the TCEQ Office of Air, Air Permits Division in Austin for review and response. The permit holder may not change the sampling frequency until written approval is received from the Executive Director of TCEQ. **(2/14)**
78. The CAS for the sulfur pit and the sulfur truck loading system must meet the following requirements when emissions are routed to the CAS as directed in Special Condition Nos. 45 and 46.
- A. The CAS shall be sampled once daily to determine breakthrough of H<sub>2</sub>S. The sampling point shall be at the outlet of the initial saturation canister but before the inlet to the second or final polishing canister. Sampling shall be done during operating conditions that yield as close to maximum emission venting to the CAS as possible.
- B. The CAS sampling shall be conducted by the use of color detection tubes capable of measuring H<sub>2</sub>S content in the range from 2 to 200 ppmv. Each batch of tubes will be refrigerated immediately upon receipt, and each individual tube will be allowed to reach room temperature at least eight hours before use.
- C. Breakthrough shall be defined as a measured H<sub>2</sub>S concentration of 10 ppmv. When the condition of breakthrough of H<sub>2</sub>S from the initial saturation canister occurs, the waste gas flow shall be switched to the second canister immediately. Within 12 hours of detection of breakthrough, a fresh canister shall be placed as the new final polishing canister. Sufficient new activated carbon canisters shall be maintained at the site to replace spent carbon canisters such that replacements can be done in the above-specified time frames.
- D. The holder of this permit may request a change in frequency of breakthrough sampling after completing at least one year of sampling as specified above. The request shall include a copy of the CAS monitoring records specified in Paragraph 76.X of this condition and shall be submitted to the TCEQ Office of Air, Air Permits Division in Austin for review and response. The permit holder may not change the sampling frequency until such time as written approval from the TCEQ is received. **(2/14)**

## Testing/Monitoring

79. Coke handling operations must meet the following testing requirements.
- A. Upon request of the TCEQ Executive Director or a designated representative, the holder of this permit shall perform high volume air sampling, one and/or three-hour tests, for net ground level concentrations of total PM emitted from coke handling operations. Each test shall consist of one upwind and one downwind sample taken simultaneously. The test(s) shall be performed during normal operation of the facility. High volume sampling shall be performed in accordance with Chapter 111 (PM) of the TCEQ Sampling Procedures Manual.

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- B. A pretest meeting concerning required air sampling shall be held with personnel from the TCEQ Beaumont Regional Office before the required tests are performed. **(2/14)**
- C. The TCEQ shall be notified prior to air sampling in such a manner that a representative may be present during sampling. The notice shall include:
- (1) Dates sampling will occur.
  - (2) Name of firm doing sampling.
  - (3) Type of sampling equipment to be used.
  - (4) Method or procedures to be used in sampling. All sampling, testing, and procedures to establish proof of performance shall be executed by a laboratory or testing service acceptable to the Executive Director of the TCEQ.
80. The moisture content of the coke shall be measured by analyzing samples taken within the time period starting one hour prior to the start of loading and ending 15 minutes after the end of loading. The moisture content of the coke shall meet the specification in Special Condition No. 34.
81. The temperature measurement device, on the SRU stack burner/thermal oxidizer, shall reduce the temperature readings to an averaging period of six minutes or less. The temperature monitor shall be installed, calibrated, and maintained according to the manufacturer's specifications. The device shall have an accuracy of the greater of  $\pm 2$  percent of the temperature being measured expressed in degrees Celsius or  $\pm 2.5^{\circ}\text{C}$ .
- The stack burner/thermal oxidizer exhaust stack flow rate shall be continuously monitored and recorded at least every 15 minutes, and reduced to an hourly average flow rate. Each flow monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the lesser of the design value or the flow measured during the most recent stack test.
- Quality-assured or valid data must be generated when the stack burner/thermal oxidizer is operating except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the stack burner/thermal oxidizer operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.
82. The temperature monitor on the Marine Flare (EPN 60FLR\_009) shall be installed, calibrated at least annually, and maintained according to the manufacturer's specifications. The device shall have an accuracy of the greater of  $\pm 2$  percent of the temperature being measured expressed in degrees Celsius or  $\pm 2.5^{\circ}\text{C}$ . Quality-assured (or valid) data must be generated when the marine flare is operating except during the performance of a daily zero and span check. Loss of valid data due to periods of monitor break down, out-of-control operation (producing inaccurate data), repair, maintenance, or calibration may be exempted provided it does not exceed 5 percent of the time (in minutes) that the marine flare operated over the previous rolling 12-month period. The measurements missed shall be estimated using engineering judgment and the methods used recorded.



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83. A sample shall be collected and analyzed on a monthly basis at each operating flare. The sampling location must be such that the measured constituents, including any supplementary fuel, are representative of all of the major constituents going to the flare. Samples shall be analyzed for the concentrations of VOC according to the procedures in 40 CFR Part 60, Appendix A, Method 18 or an equivalent method approved by the TCEQ Beaumont Regional Office. Samples shall also be analyzed by "American Society of Testing and Materials Standard D1946-77", or an equivalent procedure approved by the TCEQ Beaumont Regional Office, to determine other potential constituents (e.g., hydrogen, hydrogen sulfide [H<sub>2</sub>S], nitrogen, methane, and carbon dioxide) sufficient to determine the molecular weight and net heating value of the gas combusted in the flare to within 5.0 percent. The results shall be used to demonstrate compliance with Special Condition No. 17.A and the MAERT. This condition does not apply to the Marine Flare (60FLR\_009). **(2/14)**
84. As required in Special Condition No. 23, the FCCU regenerator scrubber gas flow rate monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, or at least annually, whichever is more frequent, and shall be accurate to within 2 percent of span or 5 percent of the design value. The liquid flow rate shall be determined using system pump rate curves and monitoring pump discharge pressure. The pressure monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications or at least annually, whichever is more frequent, and shall be accurate to within 5 percent of span or 5 percent of the design value.
85. The NH<sub>3</sub> concentration in each Exhaust Stack (EPNs 61STK\_001, 61STK\_002, 61STK\_003 and 55STK\_001) in Special Condition No. 28 and the Exhaust Stack (EPN: 70STK\_001) in Special Condition No. 50.B shall be tested or calculated using one of the methods below according to frequency listed below. Testing for NH<sub>3</sub> slip is only required on days when the selective catalytic reduction (SCR) unit is in operation.
- A. The holder of this permit may install, calibrate, maintain, and operate a CEMS to measure and record the concentrations of NH<sub>3</sub>. The NH<sub>3</sub> concentrations shall be corrected and reported in accordance with Special Condition No. 28.
- B. As an approved alternative, the NH<sub>3</sub> slip may be measured using a sorbent or stain tube device specific for NH<sub>3</sub> measurement in the 5 to 10 parts per million (ppm) range. The frequency of sorbent or stain tube testing shall be daily for the first 60 days of operation, after which, the frequency may be reduced to weekly testing if operating procedures have been developed to prevent excess amounts of NH<sub>3</sub> from being introduced in the SCR unit and when operation of the SCR unit has been proven successful with regard to controlling NH<sub>3</sub> slip. Daily sorbent or stain tube testing shall resume when the catalyst is within 30 days of its useful life expectancy. These results shall be recorded and used to determine compliance with Special Condition No. 28.
- C. As an approved alternative to sorbent or stain tube testing or an NH<sub>3</sub> CEMS, the permit holder may install and operate a second NO<sub>x</sub> CEMS probe located between the duct burners and the SCR, upstream of the stack NO<sub>x</sub> CEMS, which may be used in association with the SCR efficiency and NH<sub>3</sub> injection rate to estimate NH<sub>3</sub> slip. This condition shall not be construed to set a minimum NO<sub>x</sub> reduction efficiency on the SCR unit. These results shall be recorded and used to determine compliance with the hourly and annual emission limits.

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- D. If the sorbent or stain tube testing indicates an NH<sub>3</sub> slip concentration which exceeds 10 ppm at any time (15 ppm for EPN: 70STK\_001), the permit holder shall begin NH<sub>3</sub> testing by either the Phenol-Nitroprusside Method, the Indophenol Method, or the EPA Conditional Test Method (CTM) 27 on a quarterly basis, in addition to the weekly sorbent or stain tube testing. The quarterly testing shall continue until such time as the SCR unit catalyst is replaced; or if the quarterly testing indicates NH<sub>3</sub> slip is 7 ppm or less, at that time the Phenol-Nitroprusside/Indophenol/CTM 27 tests may be suspended until sorbent or stain tube testing again indicate 10 ppm NH<sub>3</sub> slip or greater. These results shall be recorded and used to determine compliance with the hourly and annual emission limits.
  - E. As an approved alternative to sorbent or stain tube testing, NH<sub>3</sub> CEMS, or a second NO<sub>x</sub> CEMS, the permit holder may install and operate a dual stream system of NO<sub>x</sub> CEMS at the exit of the SCR. One of the exhaust streams would be routed, in an unconverted state, to one NO<sub>x</sub> CEMS and the other exhaust stream would be routed through a NH<sub>3</sub> converter to convert NH<sub>3</sub> to NO<sub>x</sub> and then to a second NO<sub>x</sub> CEMS. The NH<sub>3</sub> slip concentration shall be calculated from the delta between the two NO<sub>x</sub> CEMS readings (converted and unconverted).
  - F. The holder of this permit may install, calibrate, maintain, and operate a CEMS to measure and record the concentrations of NH<sub>3</sub>. The NH<sub>3</sub> concentrations shall be corrected to 3 percent oxygen on a one-hour rolling average.
  - G. Any other method used for measuring NH<sub>3</sub> slip shall require prior approval from the TCEQ Beaumont Regional Office. **(2/14)**
  - H. Records of NH<sub>3</sub> quality-assurance emissions sampling and associated calculations shall be maintained for at least five years following the date that the data are obtained and shall be made available upon request to representatives of the TCEQ, EPA, or any local air pollution control program having jurisdiction.
86. The permit holder shall perform stack sampling and other testing as required to establish the actual pattern and quantities of air contaminants being emitted into the atmosphere from the emission points identified in the Table 6 to demonstrate compliance with the MAERT. The permit holder is responsible for providing sampling and testing facilities and conducting the sampling and testing operations at his expense. Sampling shall be conducted in accordance with the appropriate procedures of the TCEQ Sampling Procedures Manual and the EPA Reference Methods.

Requests to waive testing for any pollutant specified in this condition shall be submitted to the TCEQ Office of Air, Air Permits Division. Test waivers and alternate/equivalent procedure proposals for 40 CFR Part 60 testing which must have EPA approval shall be submitted to the TCEQ Regional Director for approval. **(2/14)**

- A. The appropriate TCEQ Regional Office shall be notified not less than 45 days prior to sampling. The notice shall include:
  - (1) Proposed date for pretest meeting.
  - (2) Date sampling will occur.
  - (3) Name of firm conducting sampling.

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- (4) Type of sampling equipment to be used.
- (5) Method or procedure to be used in sampling.
- (6) Description of any proposed deviation from the sampling procedures specified in this permit or TCEQ/EPA sampling procedures.
- (7) Procedure/parameters to be used to determine worst case emissions (such as production rate, temperature for incinerators, etc.) during the sampling period.

The purpose of the pretest meeting is to review the necessary sampling and testing procedures, to provide the proper data forms for recording pertinent data, and to review the format procedures for the test reports. The TCEQ Regional Director must approve any deviation from specified sampling procedures.

- B. Air contaminants to be tested for each source include those identified in the Table 6 using the methods identified.
- C. Sampling shall occur within the time frame identified for each source in the Table 6 and at such other times as may be required by the TCEQ Executive Director. Requests for additional time to perform sampling shall be submitted to the appropriate TCEQ Regional Office.
- D. The facility shall operate at or above 90 percent of applicable rates during stack testing or as specified in Table 6. Conditions and/or parameters indicative of maximum emissions, or those operating conditions identified in Table 6, and those conditions determined at the pretest meeting shall be monitored and recorded during the stack test. Monitored data should be provided in the sampling report. Permit conditions and parameter limits may be waived during stack testing performed under this condition if the proposed condition/parameter range is identified in the test notice specified in Paragraph A and approved by the TCEQ Regional Office or US EPA. If optimal rates or parameters are achieved during a satisfactory stack test, the new rates or parameters may be used to demonstrate compliance until the next stack test. Permit allowable emissions and emission control requirements are not waived and still apply during stack test periods. **(5/19)**

If the facility is unable to operate at 90 percent of applicable rates or as specified in Table 6 during testing, then future applicable rates may be limited to the rates established during testing. Additional stack testing may be required when higher applicable rates are achieved. **(5/19)**

- E. Copies of the final sampling report shall be forwarded to the offices below within 60 days after sampling is completed. Sampling reports shall comply with the attached provisions entitled "Chapter 14, Contents of Sampling Reports" of the TCEQ Sampling Procedures Manual. The reports shall be distributed as follows:

One copy to the TCEQ Beaumont Regional Office. **(2/11)**

- F. During the first FCCU full burn operation following the issuance of the permit amendment dated September 14, 2016, the holder of this permit shall perform stack sampling and other testing, as required, to establish the actual pattern and quantities of HCN being emitted into the atmosphere from the FCCU (EPN: 06STK\_003) to demonstrate compliance with the

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MAERT. The appropriate TCEQ regional office shall be notified not less than 30 days prior to sampling. The notice shall include the information listed in Special Condition No. 86 A(1)-A(7). **(09/16)**

The FCCU Regenerator shall operate at Full Burn Operation and maximum coke burn rate during stack emission testing. These conditions/parameters and any other primary operating parameters that affect the emission rate shall be monitored and recorded during the stack test. Any additional parameters shall be determined at the pretest meeting and shall be stated in the sampling report. Permit conditions and parameter limits may be waived during stack testing performed under this condition if the proposed condition/parameter range is identified in the test notice specified in paragraph A and approved by the TCEQ Regional Office or US EPA. If optimal rates or parameters are achieved during a satisfactory stack test, the new rates or parameters may be used to demonstrate compliance until the next stack test. **(06/17)**

Permit allowable emissions and emission control requirements are not waived and still apply during stack testing periods. (09/16)

## Flexible Permit Recordkeeping

87. The following information shall be maintained by the holder of this permit in a form suitable for inspection for a period of at least five years (two years readily available on-site and the remaining three years retrievable in a reasonable amount of time) and shall be made available upon request to representatives of the TCEQ, EPA, or any local air pollution control program having jurisdiction:

### ***Fuel Specifications***

- A. The holder of this permit shall calculate and maintain records at the plant site of the hourly average and annual average heat input (MMBtu/hr) for each heater listed on the MAERT. The heat input values shall be calculated using the monitored higher heating value of the fuel gas.

### ***Cooling Tower***

- B. The results of cooling tower monitoring and maintenance efforts shall be recorded.

### ***Flares***

- C. The time, date, and duration of any loss of pilot flame shall be recorded in accordance with Special Condition No.17.B.
- D. The average hourly values of the flow shall be recorded using the flow meters required by Special Condition No. 17.D.
- E. The sampling results obtained in accordance with Special Condition No. 83 shall be maintained.
- F. The Marine Flare (EPN 60FLR\_009) stack temperature shall be recorded on an hourly average basis using the instrumentation required by Special Condition No. 17.E.

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***FCC Unit***

- G. The FCCU Regenerator Scrubber liquid-to-gas ration shall be recorded at least every six minutes and at no more than six minute averages in accordance with the monitoring required in Special Condition No. 23.

***PtR-3***

- H. The 24-hour average water circulation rate for the PtR-3 vent gas scrubber required in Special Condition No. 24 shall be recorded.

***Cogen Power Plants 2 and 4***

- I. Average hourly fuel consumption records generated using the monitoring system required by Special Condition No. 25 shall be recorded.

***Cogen – PP2 and PP4***

- J. The average hourly fuel consumption of each CTG in Power Plant 2 and Power Plant 4 as required by Special Condition No. 25 shall be recorded.

***Coker***

- K. The moisture content of the coke measured in accordance with Special Condition No. 80 shall be recorded.

***SRU***

- L. The thermal oxidizer stack burner, thermal oxidizer firebox exit temperature, and oxygen concentration monitoring data required by Special Condition Nos. 42 and 81 shall be recorded.

***Ketone 2***

- M. Records of inspections, repairs, or replacements conducted in accordance with Special Condition No.49 shall be maintained.

***Storage Tanks***

- N. The permit holder shall maintain an emissions record which includes calculated emissions of VOC from all storage tanks during the previous calendar month and the past consecutive 12 month period. The record shall include tank identification number, control method used, tank capacity in gallons, name of the material stored, VOC molecular weight, average temperature in degrees Fahrenheit, VOC vapor pressure at the monthly average material temperature in psia, throughput for the previous month and year-to-date. Records of average temperature are not required to be kept for unheated tanks which receive liquids that are at or below ambient temperatures.

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### ***Refinery Marine Loading***

- O. Marine vessel vapor tightness certification conducted in accordance with Special Condition No. 64.B(2) containing the requirements listed in 40 CFR § 61.305(h) shall be maintained.
- P. Records shall be kept at the plant site on a rolling two-year basis when vapor-tight connections are not maintained during loading operations and operating and what repairs were done to correct the problem(s) in accordance with Special Condition No. 64.B(4).
- Q. Records of the inspections required in Special Condition Nos. 64.B(4), 64.C, and 64.D shall be maintained.

The record shall include the following

- (1) Start and end date/time of each VOC transfer operation.
  - (2) Name of the person or persons conducting the inspection.
  - (3) A notation of any liquid leaks, visible fumes, or significant odors.
  - (4) Required repairs.
- R. Results of the fugitive monitoring and maintenance program required by Special Condition No 69, including appropriate dates, test methods, instrument readings, repair results, and corrective action taken, shall be maintained.
  - S. A monthly emissions record which describes calculated emissions of VOC from all loading operations shall be maintained.

The record shall include the loading point identification number, control method used, vessel capacity in gallons or barrels (bbl), name of the material loaded, VOC molecular weight, VOC monthly average temperature in degrees Fahrenheit, and VOC vapor pressure at the monthly average material temperature in psia.

### ***Fugitive Emissions***

- T. Records required by Special Condition Nos. 69 and 70 shall be maintained.

### ***CEMS***

- U. The CEMS monitoring and quality-assurance data required by Special Condition Nos. 71.A, 71.B, 71.C and 73.C shall be maintained.
- V. Cylinder gas audit exceedances of  $\pm 15$  percent accuracy and any unscheduled CEMS downtime not corrected with 24 hours shall be recorded.
  - Unscheduled CEMS downtime is any CEMS downtime not required for daily span checks, and relative accuracy test audits (RATA).
- W. The ammonia inject rate and exhaust gas flow rate required by Special Condition No. 74.A shall be recorded at least every 15 minutes and be reduced to hourly averages.

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### **CAS Monitoring**

- X. Records of the CAS monitoring shall be maintained, and include the following:
  - (1) Sample time and date.
  - (2) Monitoring results (ppmv).
  - (3) Corrective action taken including the time and date of that action.
  - (4) Process operations occurring at the time of sampling to demonstrate compliance with Special Condition Nos. 77.A and 78.A.

### **Stack Testing**

- Y. Stack sampling results conducted in accordance with Special Condition No. 86 shall be maintained.

### **Other**

- Z. A copy of this permit shall be kept at the plant site and made available at the request of personnel from the TCEQ or any air pollution control agency. At the request of personnel from TCEQ or any air pollution control agency, an ExxonMobil representative shall be made available to accompany the personnel from TCEQ or any air pollution control agency for inspection of the facility covered by this permit.

### **MSS Special Conditions**

- 88. This permit authorizes emissions from those points listed in the attached table entitled "Emission Sources - Maximum Allowable Emission Rates," and the facilities covered by this permit are authorized to emit subject to the emission rate limits on the MAERT table and other requirements specified in the special conditions. **(11/09)**

Planned start-up and shutdown emissions due to the activities identified in Special Condition No. 89 are authorized from facilities and emission points identified in Attachment D in other construction permits at the site provided the facility and emissions are compliant with the respective MAERT and special conditions, or Special Condition No. 98 of this permit.

- 89. This permit authorizes the emissions from the facilities identified in Attachment D for the planned MSS activities summarized in the planned MSS Activity Summary (Attachment C) attached to this permit.

Attachment A identifies inherently low emitting MSS activities that may be performed at the refinery. Emissions from activities identified in Attachment A shall be considered to be equal to the potential to emit represented in the permit application. The estimated emissions from the activities listed in Attachment A must be revalidated annually. This revalidation shall consist of the estimated emissions for each type of activity and the basis for that emission estimate.

Routine maintenance activities, as identified in Attachment B, may be tracked through the work orders or equivalent. Emissions from activities identified in Attachment B shall be calculated using the number of work orders or equivalent that month and the emissions associated with that activity identified in the permit application.

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The performance of each planned MSS activity not identified in Attachments A or B and the emissions associated with it shall be recorded and include at least the following information:

- A. The physical location at which emissions from the MSS activity occurred, including the emission point number and common name for the point at which the emissions were released into the atmosphere;
- B. The type of planned MSS activity and the reason for the planned MSS activity;
- C. The common name and the facility identification number, if applicable, of the facilities at which the planned MSS activity and emissions occurred;
- D. The start date and time of the planned MSS activity and its duration;
- E. The estimated quantity of each air contaminant, or mixture of air contaminants, emitted with the data and methods used to determine it. The emissions shall be estimated using the methods identified in the permit application, consistent with good engineering practice.

All MSS emissions shall be summed each calendar month and the rolling 12-month emissions shall be updated on a monthly basis, by the end of the next calendar month. **(11/09)**

90. Process equipment and facilities, with the exception of those identified in Special Condition Nos. 93 (Storage Tank Roof Landing), 94 (Storage Tank Ventilation), 95 (Vacuum Trucks), 96 (Temporary Storage), and Attachment A shall be depressurized, emptied, degassed, and placed in service in accordance with the following requirements.

- A. Process equipment that contains material with a VOC partial pressure greater than or equal to 0.044 psia at 68°F shall be depressurized to a control device or a controlled recovery system prior to venting to the atmosphere, degassing, or draining liquid.
- B. If mixed phase materials must be removed from process equipment, the cleared material shall be routed to a knockout drum or equivalent to allow for managed initial phase separation. If the VOC partial pressure is greater than or equal to 0.044 psia at 68°F any vents in the system shall be routed to a control device or a controlled recovery system. Control shall remain in place until degassing has been completed or the system is no longer vented to atmosphere.
- C. All liquids from process equipment shall be removed to the maximum extent practical prior to opening equipment to commence degassing and/or maintenance. Liquids with a VOC partial pressure greater than or equal to 0.044 psia at 68°F shall be drained into a closed container or recovery system unless prevented by the physical configuration of the equipment. If it is necessary to drain liquid into an open pan or sump, the liquid shall be covered or transferred to a covered vessel within one hour of being drained. After draining is complete, empty open pans may remain in use for housekeeping reasons to collect incidental drips.
- D. If the liquid VOC partial pressure is greater than or equal to 0.044 psia at 68°F, facilities shall be degassed using good engineering practice to ensure VOC is removed from the system through the control device or controlled recovery system to the extent allowed by process equipment or storage vessel design. The control device or recovery system utilized



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shall be recorded with the estimated emissions from controlled and uncontrolled degassing calculated using the methods that were used to determine allowable emissions for the permit application.

- (1) The locations and/or identifiers where the purge gas or steam enters the process equipment and the exit points for the exhaust gases shall be recorded. If the process equipment is purged with a gas, two system volumes of purge gas must have passed through the control device or controlled recovery system before the vent stream may be sampled to verify acceptable VOC concentration prior to uncontrolled venting. The VOC sampling and analysis shall be performed using an instrument meeting the requirements of Special Condition No. 91. The sampling point shall be before the inlet to the control device or controlled recovery system. The sample ports and the collection system must be designed and operated such that there is no air leakage into the sample probe or the collection system downstream of the process equipment or vessel being purged. The facilities shall be degassed to a control device or controlled recovery system until the VOC concentration is less than either 10,000 ppmv or 10 percent of the lower explosive limit (10 percent LEL). Documented site procedures used to de-inventory equipment to a control device for safety purposes (i.e., hot work or vessel entry procedures) that achieve at least the same level of purging may be used in lieu of the above. **(11/11)**
- (2) For planned MSS activities identified in Attachment B, the following option may be used in lieu of (1) above. The facilities being prepared for maintenance shall not be vented directly to the atmosphere, except as necessary to verify an acceptable VOC concentration and establish isolation of the work area, until the VOC concentration has been verified to be less than 10 percent LEL, or equivalent, per the site safety procedures.

E. Gases and vapors (including vapors from residual liquids) with a VOC partial pressure greater than or equal to 0.044 psia at 68°F may be vented directly to the atmosphere if all the following criteria are met:

- (1) It is not technically practicable to depressurize or degas, as applicable, into the process.
- (2) There is not an available connection to a plant control system (flare).
- (3) There is no more than 50 pounds of VOC to be vented to the atmosphere during shutdown or start-up, as applicable.

All instances of venting directly to the atmosphere per Special Condition No. 90E must be documented when occurring as part of any planned MSS activity. The emissions associated with venting without control must be included in the work order or equivalent for those planned MSS activities identified in Attachment B. **(11/09)**

91. Air contaminant concentration shall be measured using an instrument/detector meeting one set of requirements specified below.

A. VOC concentration shall be measured using an instrument meeting all the requirements specified in EPA Method 21 (40 CFR Part 60, Appendix A) with the following exceptions:

- (1) The instrument shall be calibrated within 24 hours of use with a calibration gas such that the response factor of the VOC (or mixture of VOCs) to be monitored shall be

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less than 2.0. The calibration gas and the gas to be measured, and its approximate response factor shall be recorded.

VOC Concentration = Concentration as read from the instrument\*RF

In no case should a calibration gas be used such that the RF of the VOC (or mixture of VOCs) to be monitored is greater than 5.0. **(11/11)**

- (2) Sampling shall be performed as directed by this permit in lieu of Section 8.3 of Method 21. During sampling, data recording shall not begin until after two times the instrument response time. The date and time shall be recorded, and VOC concentration shall be monitored for at least five minutes, and the greatest stable VOC concentration recorded. The highest stable VOC concentration shall not exceed the specified VOC concentration limit prior to uncontrolled venting.

- B. Colorimetric gas detector tubes may be used to determine air contaminant concentrations if they are used in accordance with the following requirements.

- (1) The air contaminant concentration measured is less than 80 percent of the range of the tube. If the maximum range of the tube is greater than the release concentration defined in (3), the concentration measured is at least 20 percent of the maximum range of the tube.
- (2) The tube is used in accordance with the manufacturer's guidelines.
- (3) At least two samples taken at least five minutes apart must satisfy the following prior to uncontrolled venting:

Measured contaminant concentration (ppmv) < release concentration (ppmv).

Where the release concentration is:

(10,000 ppmv)\*(mole fraction of the total VOC present that can be detected by the tube).

The mole fraction of total VOC may be estimated based on process knowledge. The release concentration and basis for its determination shall be recorded.

Records shall be maintained of the tube type, range, measured concentrations, and time the samples were taken.

- C. Lower explosive limit (LEL) shall be measured with a lower explosive limit detector, in accordance with the following requirements:

- (1) The detector shall be calibrated monthly with a certified gas standard at 25 percent of the lower explosive limit (LEL) for pentane. Records of the calibration date/time and calibration result (pass/fail) shall be maintained.
- (2) A daily functionality test shall be performed on each detector using the same certified gas standard used for calibration. The LEL detector shall read no lower than 90 percent of the calibration gas certified value. Records, including the date/time and functionality test results, shall be maintained.
- (3) A certified methane gas standard equivalent to 25 percent of the LEL for pentane may be used for calibration and functionality tests provided that the LEL response is within 95 percent of that for pentane. **(11/09)**

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92. This condition only applies to piping and components subject to repair monitoring requirements. Each open-ended valve or line shall be equipped with an appropriately sized cap, blind flange, plug, or a second valve to seal the line. Except during sampling, both valves shall be closed. If the isolation of equipment for hot work or the removal of a component for repair or replacement results in an open ended line or valve, it is exempt from the requirement to install a cap, blind flange, plug, or second valve for 72 hours. If the repair or replacement is not completed within 72 hours, the permit holder must complete either of the following actions within that time period; **(11/11)**
- A. a cap, blind flange, plug, or second valve must be installed on the line or valve; or demonstrate that the line, valve, component, etc., has been double blocked from the process, or
  - B. the open-ended valve or line shall be monitored once for leaks above background for a plant or unit turnaround lasting up to 45 days with an approved gas analyzer and the results recorded. For all other situations, the open-ended valve or line shall be monitored once by the end of the 72 hours period following the creation of the open ended line and monthly thereafter with an approved gas analyzer and the results recorded. For turnarounds and all other situations, leaks are indicated by readings of 500 ppmv and must be repaired within 24 hours or a cap, blind flange, plug, or second valve must be installed on the line or valve.
93. This permit authorizes emissions from EPNs ETKSATM and ETKSCTL for the storage tanks identified in the attached facility list during planned floating roof landings. Tank roofs may only be landed for changes of tank service or tank inspection/maintenance as identified in the permit application except when the VOC vapors below the floating roof are routed to a control device or a controlled recovery system from the time the floating roof is landed until the floating roof is within 10 percent by volume of being refloated. Emissions from change of service tank landings, for which the tank is not cleaned and degassed, shall not exceed 10 tons of VOC in any rolling 12-month period. Tank roof landings include all operations when the tank floating roof is on its supporting legs. These emissions are subject to the maximum allowable emission rates indicated on the MAERT. The following requirements apply to tank roof landings.
- A. The tank liquid level shall be continuously lowered after the tank floating roof initially lands on its supporting legs until the tank has been drained to the maximum extent practicable without entering the tank. Liquid level may be maintained steady for a period of up to three hours if necessary to allow for valve lineups and pump changes necessary to drain the tank. This requirement does not apply where the vapor under a floating roof is routed to control or a controlled recovery system during this process.
  - B. VOC partial pressure of the liquid previously stored in the tank shall be measured by using either the actual storage conditions of the tank or 95° F, whichever is higher. If the VOC partial pressure of the liquid previously stored in the tank is greater than 0.50 psi at either actual storage conditions or 95°F, whichever is higher, tank refilling or degassing of the vapor space under the landed floating roof must begin within 24 hours after the tank has been drained unless the vapor under the floating roof is routed to control or a controlled recovery system during this period. The tank shall not be opened except as necessary to set up for degassing and cleaning. Floating roof tanks with liquid capacities less than 100,000 gallons may be degassed without control if the VOC partial pressure of the standing liquid in the tank has been reduced to less than 0.02 psia prior to ventilating the tank. Controlled degassing of the vapor space under landed roofs shall be completed as follows: **(05/14)**

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- (1) Any gas or vapor removed from the vapor space under the floating roof must be routed to a control device or a controlled recovery system and controlled degassing must be maintained until the VOC concentration is less than 10,000 ppmv or 10 percent of the LEL. The locations and identifiers of vents other than permanent roof fittings and seals, control device or controlled recovery system, and controlled exhaust stream shall be recorded. There shall be no other gas/vapor flow out of the vapor space under the floating roof when degassing to the control device or controlled recovery system.
  - (2) The vapor space under the floating roof shall be vented using good engineering practice to ensure air contaminants are flushed out of the tank through the control device or controlled recovery system to the extent allowed by the storage tank design.
  - (3) A volume of purge gas equivalent to twice the volume of the vapor space under the floating roof must have passed through the control device or into a controlled recovery system, before the vent stream may be sampled to verify acceptable VOC concentration. The measurement of purge gas volume shall not include any make-up air introduced into the control device or recovery system. The VOC sampling and analysis shall be performed as specified in Special Condition No. 91.
  - (4) The sampling point shall be upstream of the inlet to the control device or controlled recovery system. The sample ports and the collection system must be designed and operated such that there is no air leakage into the sample probe or the collection system downstream of the process equipment or vessel being purged.
  - (5) Degassing must be performed every 24 hours unless there is no standing liquid in the tank or the VOC partial pressure of the remaining liquid in the tank is less than 0.15 psia.
- C. The tank shall not be opened or ventilated without control, except as allowed by (1) or (2) below until one of the criteria in part D of this condition is satisfied.
- (1) Minimize air circulation in the tank vapor space.
    - (a) One manway may be opened to allow access to the tank to remove or de-volatilize the remaining liquid. Other manways or access points may be opened as necessary to remove or de-volatilize the remaining liquid. Wind barriers shall be installed at all open manways and access points to minimize air flow through the tank.
    - (b) Access points shall be closed when not in use
  - (2) Minimize time and VOC partial pressure.
    - (a) The VOC partial pressure of the liquid remaining in the tank shall not exceed 0.044 psi as documented by the method specified in part D(1) of this condition;
    - (b) Blowers may be used to move air through the tank without emission control at a rate not to exceed 16,900 cfm for no more than 5 days. All standing liquid shall be removed from the tank during this period.
    - (c) Records shall be maintained of the blower circulation rate, the duration of uncontrolled ventilation, and the date and time all standing liquid was removed from the tank.

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- D. The tank may be opened without restriction and ventilated without control, after all standing liquid has been removed from the tank or the liquid remaining in the tank has a VOC partial pressure less than 0.02 psia. These criteria shall be demonstrated in any one of the following ways.
- (1) Low VOC partial pressure liquid that is soluble with the liquid previously stored may be added to the tank to lower the VOC partial pressure of the liquid mixture remaining in the tank to less than 0.02 psia. This liquid shall be added during tank degassing if practicable. The estimated volume of liquid remaining in the drained tank and the volume and type of liquid added shall be recorded. The liquid VOC partial pressure may be estimated based on this information and engineering calculations.
  - (2) If water is added or sprayed into the tank to remove standing VOC, one of the following must be demonstrated:
    - (a) Take a representative sample of the liquid remaining in the tank and verify no visible sheen using the static sheen test from 40 CFR Chapter 435, Subpart A, Appendix 1.
    - (b) Take a representative sample of the liquid remaining in the tank and verify hexane soluble VOC concentration is less than 1,000 ppmw using EPA Method 1664 (may also use 8260B or 5030 with 8015 from SW-846).
    - (c) Stop ventilation and close the tank for at least 24 hours. When the tank manway is opened after this period, verify VOC concentration is less than 1,000 ppmv through the procedure in Special Condition No. 91.
  - (3) No standing liquid verified through visual inspection.
- The permit holder shall maintain records to document the method used to release the tank.
- E. The following requirements apply to the filling of each floating roof tanks for the purposes of putting the tank back into service after an activity authorized by this permit:
- (1) Tanks shall be refilled as rapidly as practicable until the roof is off its legs unless the vapor space below the tank roof is directed to a control device until the roof is floating on the liquid.
  - (2) Only one planned MSS-related floating roof tank containing VOC with a partial pressure greater than or equal to 0.044 psia at 68°F can be filled uncontrolled at any time.
- F. The occurrence of each roof landing and the associated emissions shall be recorded and the rolling 12-month tank roof landing emissions shall be updated on a monthly basis. These records shall include at least the following information:
- (1) The identification of the tank and emission point number, and any control devices or recovery systems used to reduce emissions;
  - (2) The reason for the tank roof landing;
  - (3) For the purpose of estimating emissions, the date, time, and other information specified for each of the following events:
    - (a) the roof was initially landed,

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- (b) all liquid was pumped from the tank to the extent practical,
    - (c) start and completion of controlled degassing, and total volumetric flow,
    - (d) all standing liquid was removed from the tank or any transfers of low VOC partial pressure liquid to or from the tank including volumes and vapor pressures to reduce tank liquid VOC partial pressure to <0.02 psi,
    - (e) if there is liquid in the tank, VOC partial pressure of liquid, start, and completion of uncontrolled degassing, and total volumetric flow,
    - (f) refilling commenced, liquid filling the tank, and the volume necessary to float the roof, and
    - (g) tank roof off supporting legs, floating on liquid.
  - (4) The estimated quantity of each air contaminant, or mixture of air contaminants, emitted between events c and g with the data and methods used to determine it. The emissions associated with roof landing activities shall be calculated using the methods described in Section 7.1.3.2 of AP-42 "Compilation of Air Pollution Emission Factors, Chapter 7 - Storage of Organic Liquids" dated November 2006 and the permit application. **(11/09)**
94. Fixed-roof storage tanks are subject to the requirements of Special Condition No. 93.C and 93.D. If the ventilation of the vapor space is controlled, the emission control system shall meet the requirements of Special Condition No. 93.B(1) through 93.B(5). Records shall be maintained per Special Condition No. 93.F(3)(c) through 93.F(3)(e), and 93.F(4). **(11/09)**
95. The following requirements apply to vacuum and air mover truck operations to support planned MSS at this site: **(11/11)**
- A. Prior to initial use, identify any liquid in the truck. Record the liquid level and document the VOC partial pressure. After each liquid transfer, identify the liquid, the volume transferred, and its VOC partial pressure.
  - B. If vacuum pumps or blowers are operated when liquid is in or being transferred to the truck, the following requirements apply:
    - (1) If the VOC partial pressure of the liquid in or being transferred to the truck is greater than 0.044 psi at 68°F, the vacuum/blower exhaust shall be routed to a control device or a controlled recovery system
    - (2) Equip fill line intake with a "duckbill" or equivalent attachment if the hose end cannot be submerged in the liquid being collected.
    - (3) A daily record containing the information identified below is required for each vacuum truck in operation at the site each day.
      - (a) For each liquid transfer made with the vacuum operating, record the duration of any periods when air may have been entrained with the liquid transfer. The reason for operating in this manner and whether a "duckbill" or equivalent was used shall be recorded. Short, incidental periods, such as those necessary to walk from the truck to the fill line intake, do not need to be documented.

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- (b) If the vacuum truck exhaust is controlled with a control device other than an engine, oxidizer or flare, VOC exhaust concentration measured using one of the following methods: **(05/14)**
      - i. At least one minute every 15 minutes using an instrument meeting requirements of Special Condition No. 91.
      - ii. Upon commencing each transfer, at the end of each transfer, and every hour during each transfer, measured using an instrument meeting the requirements of Special Condition No. 91.
    - (c) Record the volume in the vacuum truck at the end of the day, or the volume unloaded, as applicable.
  - C. The permit holder shall determine the vacuum truck emissions each month using the daily vacuum truck records and the calculation methods utilized in the permit application. If records of the volume of liquid transferred for each pick-up are not maintained, the emissions shall be determined using the physical properties of the liquid vacuumed with the greatest potential emissions. Rolling 12 month vacuum truck emissions shall also be determined on a monthly basis.
  - D. If the VOC partial pressure of all the liquids vacuumed into the truck is less than 0.10 psi, this shall be recorded when the truck is unloaded or leaves the plant site and the emissions may be estimated as the maximum potential to emit for a truck in that service as documented in the permit application. The recordkeeping requirements in Special Condition 95.A through 95.C do not apply.
96. The following requirements apply to frac, or temporary, tanks and vessels used in support of MSS activities.
- A. Except for labels, logos, etc. not to exceed 15 percent of the tank/vessel total surface area, the exterior surfaces of these tanks/vessels that are exposed to the sun shall be white or aluminum effective May 1, 2013. This requirement does not apply to tanks/vessels that only vent to atmosphere when being filled sampled, gauged, or when removing material. **(11/11)**
  - B. These tanks/vessels must be covered and equipped with fill pipes that discharge within 6 inches of the tank/vessel bottom.
  - C. These requirements do not apply to vessels storing less than 450 gallons of liquid that are closed such that the vessel does not vent to atmosphere except when filling, sampling, gauging, or when removing material. **(11/11)**
  - D. The permit holder shall maintain an emissions record which includes calculated emissions of VOC from all frac tanks during the previous calendar month and the past consecutive 12-month period. The record shall include tank identification number, dates put into and removed from service, control method used, tank capacity and volume of liquid stored in gallons, name of the material stored, VOC molecular weight, and aggregate VOC partial pressure or VOC vapor pressure at the estimated monthly average material temperature in psia. Filling emissions for tanks shall be calculated using the TCEQ publication titled "Technical Guidance Package for Chemical Sources - Loading Operations" and standing emissions determined using: the TCEQ publication titled "Technical Guidance Package for

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Chemical Sources - Storage Tanks.” If the permittee elects to use a control device in to control emission from a frac tank, then only the recordkeeping requirements in Special Condition No. 98 as specified for the control device apply.

- E. If the tank/vessel is used to store liquid with VOC partial pressure less than 0.1 psi, records may be limited to the days the tank is in service and the liquid stored. Emissions may be estimated based upon the potential to emit as identified in the permit application. **(11/09)**
- 97. MSS activities represented in the permit application may be authorized under permit by rule only if the procedures, emission controls, monitoring, and recordkeeping are the same as those required by this permit. **(11/09)**
- 98. All permanent facilities must comply with all operating requirements, limits, and representations in the permits identified in Attachment D during planned startup, shutdown and maintenance unless alternate limits are identified in this permit. Alternate requirements for emissions from routine emission points are identified below:
  - A. Combustion units, with the exception of flares, at this site are exempt from NO<sub>x</sub>, CO, and NH<sub>3</sub> requirements identified in the special conditions of this NSR permit during planned start-up and shutdown if the following criteria are satisfied.
    - (1) The maximum allowable emission rates in the permit authorizing the facility are not exceeded.
    - (2) The start-up period does not exceed 8 hours in duration and the firing rate does not exceed 75 percent of the design firing rate. The time it takes to complete the shutdown does not exceed 4 hours.
    - (3) Control devices are started and operating properly when venting a waste gas stream.
  - B. The limits or requirements identified below apply to the operations of the specified facilities during activities described. Emissions shall be estimated using good engineering practice and methods to provide reasonably accurate representations for emissions.
    - (1) For the SRU Thermal Oxidizer identified as EPN 32STK\_001, the following limits apply during periods of maintenance, startup, and shutdown:
      - (a) shall not exceed 250 ppmvd SO<sub>2</sub> at zero percent excess air on an hourly basis for more than three days.
      - (b) shall not operate with less than 3 percent O<sub>2</sub> in the SRU stack for more than three days.
      - (c) shall not operate with a temperature less than 950°F firebox temperature for more than three days. **(8/11)**
    - (2) For the FCC as identified as EPN 06STK\_003, the following limits apply during periods of MSS of the FCC unit, the CO Boiler, or SCR.
      - (a) shall not exceed 500 ppmvd CO at zero percent excess air on an hourly basis for more than three days
      - (b) shall not exceed 200 ppmv SO<sub>2</sub> on an hourly basis for more than three days.



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- (c) shall not exceed 25 ppmvd SO<sub>2</sub> at zero percent excess air on a 365-day rolling average basis for more than three days.
  - (d) shall not exceed 50 ppmvd SO<sub>2</sub> at zero percent excess air on a 7-day rolling average basis for more than three days.
  - (e) shall not exceed 408 ppmv NO<sub>x</sub> on an hourly average basis prior to July 1, 2009 for more than three days.
  - (f) shall not exceed 200 ppmv NO<sub>x</sub> on a rolling 12-month average prior to July 1, 2009 for more than three days.
  - (g) shall not exceed 150 ppmvd NO<sub>x</sub> at zero percent excess air on an hourly average basis for more than three days.
  - (h) shall not exceed 100 ppmvd NO<sub>x</sub> at zero percent excess air on a 7-day rolling average basis for more than three days.
  - (i) shall not exceed 50 ppmvd NO<sub>x</sub> at zero percent excess air on a 365-day rolling average basis for more than three days.
  - (j) shall not exceed 7 ppmv NH<sub>3</sub> on an hourly average basis for more than three days.
  - (k) shall not exceed 1 lb PM/1000 lb coke burned for more than three days.
  - (3) This permit authorizes emissions from the Regenerator Vent (EPN 27VNT\_001) for maintenance activities no longer than 360 hours per calendar year. These emissions are subject to the maximum allowable emission rates indicated on the MAERT. Records shall be kept at the plant demonstrating compliance with this representation for the last two years.
- C. A record shall be maintained indicating that the start and end times each of the activities identified above occur and documentation that the requirements for each have been satisfied. **(11/09)**
99. Temporary control devices required by this permit for emissions from planned MSS activities are limited to those types identified in this condition. Control devices shall be operated with no visible emissions except periods not to exceed a total of five minutes during any two consecutive hours. Each device used must meet all the requirements identified for that type of control device.

Controlled recovery systems identified in this permit shall be directed to an operating refinery process or to a collection system that is vented through a control device meeting the requirements of this permit condition.

**Carbon Adsorption System (CAS).**

- (1) The CAS shall consist of 2 carbon canisters in series with adequate carbon supply for the emission control operation.
- (2) The CAS shall be sampled downstream on the first canister and the concentration recorded at least once every hour of CAS run time to determine breakthrough of the VOC. The sampling frequency may be extended using either of the following methods:

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- (a) It may be extended to up to 30 percent of the minimum potential saturation time for a new can of carbon. The permit holder shall maintain records including the calculations performed to determine the minimum saturation time.
  - (b) The carbon sampling frequency may be extended to longer periods based on previous experience with carbon control of a MSS waste gas stream. The past experience must be with the same VOC, type of facility, and MSS activity. The basis for the sampling frequency shall be recorded. If breakthrough is monitored on the initial sample of the upstream can when the polishing can is put in place, a permit deviation shall be recorded.
- (3) The method of VOC sampling and analysis shall be by detector meeting the requirements of Special Condition No. 91.
- (4) Breakthrough is defined as the highest measured VOC concentration at or exceeding 100 ppmv above background. When the condition of breakthrough of VOC from the initial saturation canister occurs, the waste gas flow shall be switched to the second canister immediately. For saturated canisters of 55 gallons or less, a fresh canister shall be placed as the new final polishing canister within 8 hours of detection of breakthrough. For saturated canisters greater than 55 gallons, a fresh canister shall be placed as the new final polishing canister within 24 hours of detection of breakthrough. Breakthrough sampling shall be conducted each time the primary canister is changed and as otherwise required by this condition. Sufficient new activated carbon canisters shall be maintained at the site to replace spent carbon canisters such that replacements can be done in the above specified time frame.  
**(1/18)**
- (5) Records of CAS monitoring shall include the following:
  - (a) Sample time and date;
  - (b) Monitoring results (ppmv); and
  - (c) Canister replacement log.
- (6) Single canister systems are allowed if the time the carbon canister is in service is limited to no more than 30 percent of the minimum potential saturation time. The permit holder shall maintain records for these systems, including the calculations performed to determine the saturation time. The time limit on carbon canister service shall be recorded and the expiration date attached to the carbon canister.

## ***Thermal Oxidizer.***

- (7) The thermal oxidizer firebox exit temperature shall be maintained at not less than 1400°F and waste gas flows shall be limited to assure at least a 0.5 second residence time in the fire box while waste gas is being fed into the oxidizer.
- (8) The thermal oxidizer exhaust temperature shall be continuously monitored and recorded when waste gas is directed to the oxidizer. The temperature measurements shall be made at intervals of six minutes or less and recorded at that frequency.
- (9) The temperature measurement device shall be installed, calibrated, and maintained according to accepted practice and the manufacturer's specifications. The device shall have an accuracy of the greater of  $\pm 0.75$  percent of the temperature being measured expressed in degrees Celsius or  $\pm 2.5^{\circ}\text{C}$ .

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- (10) As an alternative to Special Condition No.99(7)the thermal oxidizer may be tested to confirm a minimum 99 wt. percent destruction efficiency. The results of the test will be used to determine the minimum operating temperature and residence time. Stack Test must have been performed within the last 12 months. Stack VOC concentrations and flow rates shall be measured in accordance with applicable EPA Reference Methods. A copy of the test report shall be maintained with the thermal oxidizer and a summary of the testing results shall be included with the emission calculations.
- (11) As an alternative to Special Condition No.99(7)-(8), the thermal oxidizer may be equipped with continuous VOC monitors (inlet and outlet). The VOC monitors shall be calibrated and maintained according with Special Condition No. 91, except 91.C. In order to demonstrate compliance with this requirement, inlet VOC and outlet VOC concentrations shall be measured and inlet and outlet VOC mass rates shall be calculated on an hourly basis to confirm a minimum 99 wt. percent destruction efficiency or an exhaust concentration not greater than 20 ppmv.

### ***Internal Combustion Engine.***

- (12) The internal combustion engine shall have a VOC destruction efficiency of at least 99 percent.
- (13) The engine must have been stack tested with propane or butane to confirm the required destruction efficiency within the past 12 months. VOC shall be measured in accordance with the applicable EPA Reference Method during the stack test and the exhaust flow rate may be determined from measured fuel flow rate and measured oxygen concentration. A copy of the stack test report shall be maintained with the engine. There shall also be documentation of acceptable VOC emissions following each occurrence of engine maintenance which may reasonably be expected to increase emissions including oxygen sensor replacement and catalyst cleaning or replacement. Stain tube indicators specifically designed to measure VOC concentration shall be acceptable for this documentation, provided a hot air probe or equivalent device is used to prevent error due to high stack temperature, and three sets of concentration measurements are made and averaged. Portable VOC analyzers meeting the requirements of Special Condition No.91 are also acceptable for this documentation.
- (14) The engine shall be operated with an O<sub>2</sub> sensor-based air-to-fuel ratio (AFR) controller. Documentation for each AFR controller that the, manufacturer's, or supplier's recommended maintenance has been performed, including replacement of the oxygen sensor as necessary for O<sub>2</sub> sensor-based controllers shall be maintained with the engine. The O<sub>2</sub> sensor shall be replaced at least quarterly in the absence of a specific written recommendation.
- (15) As an alternative to Special Condition No.99(12)-(14)), the engine may be equipped with continuous VOC monitors (inlet and outlet). The VOC monitors shall be calibrated and maintained in accordance with Special Condition No. 91, except 91.C. In order to demonstrate compliance with this requirement, inlet VOC and outlet VOC shall be measured and inlet and outlet VOC mass rates shall be calculated on an hourly basis to confirm a minimum 99 wt. percent destruction efficiency or an exhaust concentration not greater than 20 ppmv.

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Flexible Permit Numbers 49138, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, PSDTX992M2, and PSDTX1506M2

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***Temporary flare systems***

- (16) The heating value and velocity requirements in 40 CFR § 60.18 shall be satisfied during operations authorized by this permit.
- (17) The flare shall be operated with a flame present at all times and/or have a constant pilot flame. The pilot flame shall be continuously monitored by a thermal couple or an infrared monitor. The time, date, and duration of any loss of pilot flame shall be recorded. Each monitoring device shall be accurate to, and shall be calibrated at a frequency in accordance with, the manufacturer's specifications.
- (18) Flares systems shall have a continuous flow monitor that provides a record of the vent stream flow to the flare. Flares shall be monitored to maintain waste gas above the minimum heating value as required in 40 CFR § 60.18. Measurement, good engineering practice, or process knowledge shall be used to monitor the waste gas stream for compliance with the minimum heating value. Details of the methods used shall be recorded.

***Closed-Loop Refrigerated Vapor Recovery System***

- (19) The vapor recovery system shall be installed on the facility to be degassed using good engineering practice to ensure air contaminants are flushed from the facility through the refrigerated vapor condensers and back to the facility being degassed. The vapor recovery system and facility being degassed shall be enclosed except as necessary to insure structural integrity (such as roof vents on a floating roof tank).
- (20) VOC concentration in vapor being circulated by the system shall be sampled and recorded at least once every four hours at the inlet of the condenser unit with an instrument meeting the requirements of Special Condition No. 91.
- (21) The quantity of liquid recovered from the tank vapors and the tank pressure shall be monitored and recorded each hour. The liquid recovered must increase with each reading and the tank pressure shall not exceed one inch water pressure while the system is operating. **(11/09)**

100. No visible emissions shall leave the property due to abrasive blasting. **(11/09)**

101. Coal Slag and other abrasive blast media meeting the criteria below, may be used for blasting:

- A. The media shall not contain asbestos or greater than 1.0 weight percent crystalline silica.
- B. The weight fraction of any metal in the blast media with a short-term effects screening level (ESL) less than 50 micrograms per cubic meter as identified in the most recently published TCEQ ESL list shall not exceed the ESL<sub>metal</sub>/1,000.
- C. The MSDS for each media used shall be maintained on-site.
- D. Blasting media usage shall be recorded each month.

This special condition does not apply to wet blasting or dry abrasive blasting inside vessels/tanks/equipment. **(11/09)**

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102. With the exception of the interim MAERT emission limits, these permit conditions become effective 180 days after permit issuance. During this period, monitoring and recordkeeping shall satisfy the requirements of Special Condition No. 89.A through 89.D. Emissions shall be estimated using good engineering practice and methods to provide reasonably accurate representations for emissions. The basis used for determining the quantity of air contaminants to be emitted shall be recorded. The permit holder may maintain abbreviated records of emissions from Attachment A and B activities as allowed in Special Condition No. 89 rather than documenting all the information required by Special Condition No. 89.A through 89.D. **(11/09)**
103. Planned maintenance activities must be conducted in a manner consistent with good practice for minimizing emissions, including the use of air pollution control equipment, practices and processes. All reasonable and practical efforts to comply with Special Condition Nos. 88 through 101 must be used when conducting the planned maintenance activity, until the commission determines that the efforts are unreasonable or impractical, or that the activity is an unplanned maintenance activity. **(11/09)**

Dated : January 10, 2020

**Table 1**

Flexible Permit Number 49138; and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1,  
and PSDTX1506M1

Reserved.

Dated August 4, 2014

**Table 2**

Flexible Permit Number 49138; and  
PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

**NO<sub>x</sub> Emission Limits (lb/MMBtu)\***

EPN	Heater/Boiler
04STK_001	0.091
04STK_002	0.091
04STK_003	0.091
06STK_002	0.06
08STK_002	0.1
16STK_001	0.049(B-1Heater) 0.045(B-2Reboiler)**
25STK_001	0.06
27STK_001	0.12
27STK_002	0.11
27STK_003	0.11
27STK_004	0.06
36STK_002e	0.1
36STK_002i	0.1
36STK_002w	0.1
36STK_004e	0.1
36STK_004i	0.1
36STK_004w	0.1

\* Higher Heating Value (HHV) basis

\*\* NO<sub>x</sub> limit with B-2Reboiler Heater equipped with low NO<sub>x</sub> burner

Dated February 7, 2011

**Table 3**

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

**Piping, Valves, Connectors, Flanges, Pumps, and Compressors in Hydrogen Sulfide (H<sub>2</sub>S) and Ammonia (NH<sub>3</sub>) Service**

<b>H<sub>2</sub>S Fugitive Areas - Cap for Normal Emissions</b>		<b>Service</b>
14FUG#001	Flare Gas Recovery Unit Fugitives	H <sub>2</sub> S
16FUG#001	CHD2 Unit Fugitives	H <sub>2</sub> S, NH <sub>3</sub>
17FUG#001	SDEA Unit Fugitives	H <sub>2</sub> S
18FUG#001	DEA3 Fugitives	H <sub>2</sub> S
22FUG#001	H <sub>2</sub> S Plant Process Fugitives Area	H <sub>2</sub> S
26FUG#001	NDEA Unit Fugitives	H <sub>2</sub> S
29FUG#001	SWS Fugitives	H <sub>2</sub> S, NH <sub>3</sub>
30FUG#001	SRU 1 Fugitives	H <sub>2</sub> S
32FUG#001	SRU 2/3 Fugitives	H <sub>2</sub> S, NH <sub>3</sub>
40FUG#001	Hydrofinisher Fugitives	H <sub>2</sub> S
61FUG#001	Power Plant No. 4 Fugitives	NH <sub>3</sub>

Dated August 23, 2010



**Table 4**

Flexible Permit Number 49138; and  
 PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

**Continuous Monitoring Systems**

EPN	EPN Name	CEMS Pollutants
05STK_001	Crude B Atmospheric Heater	NO <sub>x</sub> and O <sub>2</sub>
06STK_002	FCC Feed Preheater	CO and NO <sub>x</sub>
06STK_003	FCCU Scrubber Stack	CO, NO <sub>x</sub> , SO <sub>2</sub> , and O <sub>2</sub>
20STK_004	Stabilizer Reboiler Heater (H-3304)	CO, NO <sub>x</sub> , and O <sub>2</sub>
27STK_003	Reformer Heater (H-3403)	NO <sub>x</sub>
27STK_003	Reformer Heater (H-3404)	NO <sub>x</sub>
27STK_003	Reformer Heater (H-3405)	NO <sub>x</sub>
27STK_003	Reformer Heater (H-3406)	NO <sub>x</sub>
28STK_003	PTR4 Reformer Heater	NO <sub>x</sub> and O <sub>2</sub>
32STK_001	SRU2/3 Thermal Oxidizer SO2	SO <sub>2</sub> and O <sub>2</sub>
36STK_002e	Atmospheric Heater (B1-A)	NO <sub>x</sub>
36STK_002i	Atmospheric Heater (B1-A)	NO <sub>x</sub>
36STK_002w	Atmospheric Heater (B1-A)	NO <sub>x</sub>
36STK_004e	Atmospheric Heater (BI -B)	NO <sub>x</sub>
36STK_004i	Atmospheric Heater (BI -B)	NO <sub>x</sub>
36STK_004w	Atmospheric Heater (BI -B)	NO <sub>x</sub>
55STK_001	PP2 40 MWE GE Frame 6 Gas-Fired Turbine & Duct Burner w/ SCR	NO <sub>x</sub> and O <sub>2</sub>
61STK_001	CTG Stack	NO <sub>x</sub> , CO, and diluent gases O <sub>2</sub> or carbon dioxide
61STK_002	CTG Stack	NO <sub>x</sub> , CO, and diluent gases O <sub>2</sub> or carbon dioxide
61STK_003	CTG Stack	NO <sub>x</sub> , CO, and diluent gases O <sub>2</sub> or carbon dioxide
69STK_001	SCANfiner F-100 1 <sup>st</sup> Stage Heater	NO <sub>x</sub> , and O <sub>2</sub> *
69STK_002	SCANfiner F-101 2 <sup>nd</sup> Stage Heater	NO <sub>x</sub> , and O <sub>2</sub> *
70STK_001	APS Heater F-1001	NO <sub>x</sub> , CO, and O <sub>2</sub>
71STK_001	KHDT Feed Preheater F-2001	NO <sub>x</sub> , and O <sub>2</sub> *
71STK_002	KHDT Stripper Reboiler F-2002	NO <sub>x</sub> , and O <sub>2</sub> *
72STK_001	DHDT Feed Preheater F-3001	NO <sub>x</sub> , and O <sub>2</sub> *
72STK_002	DHDT Stripper Reboiler F-3002	NO <sub>x</sub> , and O <sub>2</sub> *
56STK_025	Boiler 25 <b>(1/20)</b>	NO <sub>x</sub> , CO, and O <sub>2</sub> ,
56STK_026	Boiler 26 <b>(1/20)</b>	NO <sub>x</sub> , CO, and O <sub>2</sub> ,

\* NO<sub>x</sub> and O<sub>2</sub> CEMS on EPNs 69STK\_001, 69STK\_002, 71STK\_001, 71STK\_002, 72STK\_001, and 72STK\_002 are only required if subject to NSPS Subpart Ja as a result of firing fuel gas.

TABLE 4

Flexible Permit Number 49138; and PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, PSDTX992M2, and PSDTX1506M1

Page 2

Date: January 10, 2020

## **Table 5**

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

### **Authorized Materials for Wharf Loading**

#### ***Material Loaded at Wharf 2***

Black Oils  
Gas Oils  
Distillates  
Jet Fuel  
Xylene  
Lube Stocks  
Spent Caustic

#### ***Material Loaded at Wharf 4***

Black Oils  
Gas Oils  
Distillates  
Jet Fuel  
Xylenes  
Lube Stocks  
Spent Caustic  
Naphtha  
Gasoline  
Gasoline Components

#### ***Material Loaded at Wharf 5***

Black Oils  
Gas Oils  
Distillates  
Jet Fuel  
Xylene  
Lube Stocks  
Spent Caustic  
Naphtha  
Gasoline

TABLE 5

Flexible Permit Number 49138; and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

Page 2

Gasoline Components

Crude Oil

***Material Loaded at Wharf 6***

Black Oils

Gas Oils

Distillates

Jet Fuel

Lube Stocks

- Notes:
- 1) Loading of Black Oils, Gas Oils, Distillates, Jet Fuel, Xylene, Lube Stocks, and Spent Caustic are interchangeable between Wharves 2, 4, and 5.
  - 2) Loading of Naphtha, Gasoline and Gasoline Components are interchangeable between Wharves 4 and 5.
  - 3) Crude oil is loaded at ship or barges at Wharf 5 only.

Dated August 23, 2010

**Table 6**

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

**Stack Testing Requirements**

Emission Point Name	EPN	Contaminants	Method Specified	Specific Operating Conditions	Completion Timing	Initial Testing Completion Date
Crude B Atm. Heater	05STK_001	NO <sub>x</sub>	Not Specified	Operate at maximum production rates.	Within 60 days after startup.	February 1993
		CO	Not specified			
		PM <sub>10</sub>	EPA Reference Method 5 <sub>1</sub>			
		Opacity	EPA Reference Method 9			
CHD-2 Stripper Reboiler Heater B-2	16STK_001	NO <sub>x</sub> CO	NO <sub>x</sub> and CO methods not specified. Opacity by EPA Reference 9	Operate at maximum production rates	Within 60 days after achieving maximum diesel production but no later than 180 days after initial start-up	July 2011
		Opacity				
CHD-2 Charge Heater B-1	16STK_001	NO <sub>x</sub>	NO <sub>x</sub> and CO methods not specified. Opacity by EPA Reference Method 9	Operate at maximum production rates	Within 60 days after achieving maximum diesel production but no later than 180 days of the initial start-up	July 2011
		CO				
		Opacity				
PTR4 Reformer Heater	28STK_003	NO <sub>x</sub>	Not Specified	Operate at maximum production rates.	Within 60 days after startup.	July 1993
		CO	Not Specified			
		PM <sub>10</sub>	EPA Reference Method 5 <sub>1</sub>			
		Opacity	EPA Reference Method 9			

TABLE 6

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

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Emission Point Name	EPN	Contaminants	Method Specified	Specific Operating Conditions	Completion Timing	Initial Testing Completion Date
Crude B Heater H-2001	05STK_004	NO <sub>x</sub>	Not Specified	Operate at maximum production rates.	Within 60 days after startup.	December 1992
		CO	Not Specified			
		Opacity	EPA Reference Method 9			
Hydrocracker First Stage West Furnace	20STK_001	NO <sub>x</sub>	Not Specified	Operate at maximum production rates.	Within 60 days after startup.	March 1993
		CO	Not Specified			
		Opacity	EPA Reference Method 9			
PTR4 Reactor Regen. Vent Regenerator Stack	28VNT_001	CO	Not Specified	Operate at maximum production rates.	Within 60 days after startup.	July 1993
		SO <sub>2</sub>	Not Specified			
		Hydrogen Chloride	Not Specified			
		Chlorine	Not Specified			
		Opacity	EPA Reference Method 9			
SRU 2/3 Thermal Oxidizer	32STK_001	NO <sub>x</sub>	Not Specified	Operate at maximum production rates.	Within 180 days after startup.	May 2002
SRU 2/3 Thermal Oxidizer	32STK_001	NO <sub>x</sub>	Not Specified	Operate at maximum production rates.	Within 180 days after startup.	May 2002
		CO	Not Specified			
		VOC	Not Specified			
		H <sub>2</sub> S	Not Specified			
		SO <sub>2</sub>	Not Specified			
		O <sub>2</sub>	Not Specified			
		Opacity	EPA Reference Method 9			

TABLE 6

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

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Emission Point Name	EPN	Contaminants	Method Specified	Specific Operating Conditions	Completion Timing	Initial Testing Completion Date
COGEN Unit No. 1, COGEN Unit No.2, and COGEN Unit No. 3	61STK_001, 61STK_002, and 61STK_003	NO <sub>x</sub>	EPA Reference Method 20 or Equivalent Methods	Air emissions from each unit shall be tested while firing at full load for the ambient conditions at the time of testing. Air emissions should also be tested and analyzed for VOC and NH <sub>3</sub> at the lowest load condition possible, while maintaining dry low-NO <sub>x</sub> combustor mode of operation	Within 60 days after achieving normal operations, but no later than 180 days after initial startup.	April 2005, June 2005, March 2005
		O <sub>2</sub>	EPA Reference Method 20 or Equivalent Methods			
		CO	EPA Reference Method 10			
		VOC	EPA Reference Method 25A			
		SO <sub>2</sub>	EPA Reference Method 8, 6, or 6C <sub>2</sub>			
COGEN Unit No. 1, COGEN Unit No.2, and COGEN Unit No. 3	61STK_001, 61STK_002, and 61STK_003	PM <sub>10</sub>	EPA Methods 201A and 202 or EPA Reference Method 5, modified to include back-half condensables <sub>1</sub>			
		NH <sub>3</sub>	Not Specified			
		Opacity	EPA Reference Method 9			
Coker Furnace B-101-A, Coker Furnace B-101-B, and Coker Furnace B-101-C	04STK_001, 04STK_002, and 04STK_003	CO	EPA Reference Method 10	Operate at maximum production rates.	Within 60 days after installation of sampling ports.	January 1994
		NO <sub>x</sub>	EPA Reference Method 7			
		O <sub>2</sub>	EPA Reference Method 3			
		PM	EPA Reference Method 5, modified to include back-half condensables			

TABLE 6

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

Page 4

Emission Point Name	EPN	Contaminants	Method Specified	Specific Operating Conditions	Completion Timing	Initial Testing Completion Date
Cogen Unit 24 <sub>3</sub>	55STK_001	NO <sub>x</sub>	EPA Reference Method 20 or Equivalent Methods	Sampling shall occur at maximum production rates. NO <sub>x</sub> , O <sub>2</sub> , and CO in the exhaust gas shall be sampled concurrently while firing natural gas at four turbine loads, including the minimum point in the normal operating range and the peak load for the atmospheric conditions occurring during the test and while firing the duct burners at the maximum feasible rate.	Within 60 days after achieving maximum production, but no later than 180 days after initial startup.	December 1993
		O <sub>2</sub>	EPA Reference Method 20 or Equivalent Methods			
		CO <sub>4</sub>	EPA Reference Method 10			
		VOC	EPA Reference Method 18			
		PM <sub>10</sub>	EPA Reference Method 5 (Front Half Only) <sub>1</sub>			
		SO <sub>2</sub>	EPA Reference Method 20 or Equivalent Methods <sub>2</sub>			
		NH <sub>3</sub>	TCEQ Approved Laboratory Analysis			
		Opacity	EPA Reference Method 9			
Regenerator Vent	27VNT_001	Hydrogen Chloride	Not Specified	Operate at maximum production rates.	Within 60 days after achieving maximum production, but no later than 180 days after initial startup.	June 1989



TABLE 6

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

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Emission Point Name	EPN	Contaminants	Method Specified	Specific Operating Conditions	Completion Timing	Initial Testing Completion Date
Reformer Heaters H-3403 through H-3406	27STK_003	NO <sub>x</sub>	EPA Reference Method 7	Operate at maximum production rates.	Within 60 days after achieving maximum production, but no later than 180 days after initial startup.	February 1995
		SO <sub>2</sub>	EPA Reference Method 8			
		CO	EPA Reference Method 10			
		PM <sub>10</sub>	EPA Reference Method 5 <sub>1</sub>			
		Opacity	EPA Reference Method 9			
FCCU Scrubber Stack	06STK_003	CO	Not Specified	Operate at maximum production rates.	Within 60 days after initial start-up.	May 2004
		NO <sub>x</sub>	Not Specified			
		SO <sub>2</sub>	EPA Reference Method 5B and 8			
		VOC	Not Specified			
		PM	EPA Reference Method 5B and 8			
		Opacity	EPA Reference Method 9			

TABLE 6

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

Page 6

Emission Point Name	EPN	Contaminants	Method Specified	Specific Operating Conditions	Completion Timing	Initial Testing Completion Date
FCCU Scrubber Stack	06STK_003	CO	Not Specified	FCCU shall operate at the maximum feed rate and sulfur loading, and the regenerator at the maximum exhaust flow rate during stack testing. The SCR inlet temperature and scrubber liquid to gas ratio must be monitored when taking sampling data. The stack test must be performed with the SCR inlet temperature less than 680 °F.	Within 60 days after achieving maximum operating rate following the installation of the SCR system, but no later than 180 days after initial start-up of the SCR system.	January 2010
		NO <sub>x</sub>	Not Specified			
		SO <sub>2</sub>	EPA Reference Method 5B and 8			
		VOC	Not Specified			
		PM	EPA Reference Method 5B and 8			
		Sulfuric Acid	Not Specified			
		Ammonia	Not Specified			
		O <sub>2</sub>	Not Specified			
		Opacity	EPA Reference Method 9			
Ketone 2 Nitrogen Vent	42VNT_001	VOC	Not Specified	Operate at maximum production rates.	Sampling port(s) and platform(s) shall be installed on the exhaust stack within 180 days of permit issuance. Sampling shall be completed within 60 day after achieving maximum production after port/platform installation, but no later than 180 days after port/platform installation.	August 2005

TABLE 6

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

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Emission Point Name	EPN	Contaminants	Method Specified	Specific Operating Conditions	Completion Timing	Initial Testing Completion Date
ISOM Pretreater Charge Heater	25STK_001	NO <sub>x</sub>	Not Specified	Operate at maximum firing rate.	Within 60 days after achieving the maximum operating rate, but no later than 180 days after the heater has been retrofitted with emission controls to lower the pounds of NO <sub>x</sub> /MMBtu.	November 2007
		CO	Not Specified			
SCANfiner 1 <sup>st</sup> Stage Heater	69STK_001	NO <sub>x</sub>	Not Specified	Operate at maximum firing rates	Within 60 days after achieving the maximum operating rate, but no later than 180 days after initial start-up of the heater	N/A
		CO	Not Specified			
SCANfiner 1 <sup>st</sup> Stage Heater	69STK_001	NO <sub>x</sub>	Not Specified	Operate in turndown mode (<50% of represented duty) under representative conditions per 40 CFR 60.102a(i)	Turndown testing is only required if requesting a site-specific NO <sub>x</sub> emission limit per NSPS Subpart Ja, 40 CFR 60.102a(i). If requesting a site-specific NO <sub>x</sub> emission limit, turndown testing to be completed within 180 days after becoming an affected facility as a result of firing fuel gas.	N/A
		CO	Not Specified			

TABLE 6

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

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Emission Point Name	EPN	Contaminants	Method Specified	Specific Operating Conditions	Completion Timing	Initial Testing Completion Date
SCANfiner 2 <sup>nd</sup> Stage Heater	69STK_002	NO <sub>x</sub>	Not Specified	Operate at maximum firing rates	Within 60 days after achieving the maximum firing rate, but no later than 180 days after initial start-up of the heater	N/A
		CO	Not Specified			
SCANfiner 2 <sup>nd</sup> Stage Heater	69STK_002	NO <sub>x</sub>	Not Specified	Operate in turndown mode (<50% of represented duty) under representative conditions per 40 CFR 60.102a(i)	Turndown testing is only required if requesting a site-specific NO <sub>x</sub> emission limit per NSPS Subpart Ja, 40 CFR 60.102a(i). If requesting a site-specific NO <sub>x</sub> emission limit, turndown testing to be completed within 180 days after becoming an affected facility as a result of firing fuel gas.	N/A
		CO	Not Specified			
Wharf 5 VCU	60VCU_011	VOC	Not Specified	Operate at maximum motor gasoline loading rates		
		CO	Not Specified			
		NO <sub>x</sub>	Not Specified			
APS Heater F-1001	70STK_001	NO <sub>x</sub>	Not Specified	Operate at maximum firing rates	Within 60 days after achieving maximum production but no later than 180 days after initial start-up	N/A
		CO	Not Specified			
		NH <sub>3</sub>	Not Specified			
KHDT Feed Preheater F-2001	71STK_001	NO <sub>x</sub>	Not Specified	Operate at maximum firing rates	Within 60 days after achieving maximum production but no later than 180 days after initial start-up	NA
		CO	Not Specified			

TABLE 6

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

Page 9

Emission Point Name	EPN	Contaminants	Method Specified	Specific Operating Conditions	Completion Timing	Initial Testing Completion Date
KHDT Feed Preheater F-2001	71STK_001	NO <sub>x</sub>	Not Specified	Operate in turndown mode (<50% of represented duty) under representative conditions per 40 CFR 60.102a(i)	Turndown testing is only required if requesting a site-specific NO <sub>x</sub> emission limit per NSPS Subpart Ja, 40 CFR 60.102a(i). If requesting a site-specific NO <sub>x</sub> emission limit, turndown testing to be completed within 180 days after becoming an affected facility as a result of firing fuel gas.	N/A
		CO	Not Specified			
KHDT Stripper Reboiler F-2002	71STK_002	NO <sub>x</sub>	Not Specified	Operate at maximum firing rates	Within 60 days after achieving maximum production but no later than 180 days after initial start-up	N/A
		CO	Not Specified			
KHDT Stripper Reboiler F-2002	71STK_002	NO <sub>x</sub>	Not Specified	Operate in turndown mode (<50% of represented duty) under representative conditions per 40 CFR 60.102a(i)	Turndown testing is only required if requesting a site-specific NO <sub>x</sub> emission limit per NSPS Subpart Ja, 40 CFR 60.102a(i). If requesting a site-specific NO <sub>x</sub> emission limit, turndown testing to be completed within 180 days after becoming an affected facility as a result of firing fuel gas.	N/A
		CO	Not Specified			

TABLE 6

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

Page 10

Emission Point Name	EPN	Contaminants	Method Specified	Specific Operating Conditions	Completion Timing	Initial Testing Completion Date
DHDT Feed Preheater F-3001	72STK_001	NO <sub>x</sub>	Not Specified	Operate at maximum firing rates	Within 60 days after achieving maximum production but no later than 180 days after initial start-up	N/A
		CO	Not Specified			
DHDT Feed Preheater F-3001	72STK_001	NO <sub>x</sub>	Not Specified	Operate in turndown mode (<50% of represented duty) under representative conditions per 40 CFR 60.102a(i)	Turndown testing is only required if requesting a site-specific NO <sub>x</sub> emission limit per NSPS Subpart Ja, 40 CFR 60.102a(i). If requesting a site-specific NO <sub>x</sub> emission limit, turndown testing to be completed within 180 days after becoming an affected facility as a result of firing fuel gas.	N/A
		CO	Not Specified			
DHDT Stripper Reboiler F-3002	72STK_002	NO <sub>x</sub>	Not Specified	Operate at maximum firing rates	Within 60 days after achieving maximum production but no later than 180 days after initial start-up	N/A
		CO	Not Specified			
Boilers 25 and 26	56STK_025 and 56STK_026	NO <sub>x</sub>	Not Specified	Operate at maximum heat input.	Within 60 days after achieving maximum production but no later than 180 days after initial start-up	TBD
		CO	Not Specified			
		NH <sub>3</sub>	Not Specified			

TABLE 6

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

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Emission Point Name	EPN	Contaminants	Method Specified	Specific Operating Conditions	Completion Timing	Initial Testing Completion Date
DHDT Stripper Reboiler F-3002	72STK_002	NO <sub>x</sub>	Not Specified	Operate in turndown mode (<50% of represented duty) under representative conditions per 40 CFR 60.102a(i)	Turndown testing is only required if requesting a site-specific NO <sub>x</sub> emission limit per NSPS Subpart Ja, 40 CFR 60.102a(i). If requesting a site-specific NO <sub>x</sub> emission limit, turndown testing to be completed within 180 days after becoming an affected facility as a result of firing fuel gas.	N/A
		CO	Not Specified			

- For purposes of determining compliance with the emission limits, all PM shall be considered PM<sub>10</sub>.
- Fuel sampling using the methods and procedures of 40 CFR § 60.335(d) may be conducted in lieu of stack sampling for SO<sub>2</sub>. If fuel sampling is used, SO<sub>2</sub> emissions shall be based on 100 percent conversion if the sulfur in fuel to SO<sub>2</sub>.
- One additional copy of the sampling report should be submitted to the EPA Region 6, Air Enforcement Branch, Dallas Office
- A program was developed to calculate CO emissions by using a CO-versus-turbine load chart developed during the initial testing. Hourly and annual CO emission rates are calculated from this program.

Date: January 10, 2020

## Attachment A

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

### Inherently Low Emitting Activities

Activity	VOC	NO <sub>x</sub>	CO	PM	H <sub>2</sub> S/SO <sub>2</sub> /H <sub>2</sub> S O <sub>4</sub>	NH <sub>3</sub>
Catalyst activation/deactivation	X	X	X		X	X
Management of sludge from pits, ponds, sumps, and water conveyances	X			X	X	X
Aerosol Cans and other consumables	X		X	X		
Inspection, repair and replacement of analytical equipment	X	X	X		X	X
Inspection, repair and replacement of Carbon canisters	X		X		X	
Catalyst charging/handling	X			X	X	X
Inspection, repair, replacement, adjustment, testing and calibration of Instrumentation/analyzer	X	X	X		X	X
Meter proving	X	X	X		X	X
Inspection, repair and Replacement of filters and screens	X		X	X	X	X
Inspection, repair and replacement on water treatment systems (cooling, boiler, potable)	X					X
Soap and other liquid based cleaners	X				X	X
Inspection, repair and replacement of monitoring/measuring equipment (e.g., sight glasses, rotometers)	X	X	X		X	X
Inspection, repair and replacement of ancillary equipment (e.g., coupling alignment, oil seals, blinding)	X			X	X	X
Cleaning (including strainers, lube oil systems)	X		X	X	X	X
Welding	X	X	X	X		
Leak and operability checks (e.g., steam turbine overspeed tests, troubleshooting)	X	X	X	X	X	X
control valve stem lubrication, filter gasket replacement, use of pipe thread sealant						
Combinations of the above	X	X	X	X	X	X

Dated August 23, 2010



**Attachment B**

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

**Routine Maintenance Activities:**

Fugitive component (valve, pipe, flange) repair/replacement, pump, compressor, vessel, exchanger, furnace, boiler inspection repair/replacement or combination of the proceeding, not included in attachment

Dated August 23, 2010

### Attachment C

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

#### MSS Activities Summary

Facilities	Description	Emissions Activity	EPN
all process units	Process unit shutdown/depressurize/drain	vent to flare	60FLR_001, 60FLR_002 60FLR_003, 60FLR_004 60FLR_005, 60FLR_006 60FLR_008, 60FLR_010
all process units	Process unit purge/degas/drain	vent to atmosphere	99MSS_001
all process units	process unit startup	vent to flare	60FLR_001, 60FLR_002 60FLR_003, 60FLR_004 60FLR_005, 60FLR_006 60FLR_008, 60FLR_010
all process units and tanks	preparation for facility/component repair/replacement	vent to flare	60FLR_001, 60FLR_002 60FLR_003, 60FLR_004 60FLR_005, 60FLR_006 60FLR_008, 60FLR_010
all process units and tanks	preparation for facility/component repair/replacement	vent to atmosphere	99MSS-001
all process units and tanks	recovery from facility/component repair/replacement	vent to flare	60FLR_001, 60FLR_002 60FLR_003, 60FLR_004 60FLR_005, 60FLR_006 60FLR_008, 60FLR_010
all process units and tanks	recovery from facility/component repair/replacement	vent to atmosphere	99MSS-001
all process units and tanks	preparation for unit turnaround or facility/component repair/replacement	remove liquid	99MSS-001
all floating roof tanks	tank roof landing	operation with landed roof	99MSS-001
all floating roof tanks	degas of tank with landed roof	controlled degassing	99MSS-001
all tanks	tank cleaning	cleaning activity and solvents	99MSS-001
see Attachment A	miscellaneous low emitting activities	see Attachment A	99MSS-001
all production-related	abrasive blasting	PM from blasting media	99MSS-001

Dated April 18, 2017

## Attachment D

Flexible Permit Number 49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

### Facility List

This permit authorizes emissions from the following Emissions Sources and planned MSS activities at permanent site facilities: frac tanks, containers, vacuum trucks, facilities used for abrasive blasting, portable control devices identified in Special Condition No. 99, and controlled recovery systems. Emissions from temporary facilities are authorized provided the temporary facility (a) does not remain on the plant site for more than 12 consecutive months, (b) is used solely to support planned MSS activities at the permanent site facilities listed in this Attachment, and (c) does not operate as a replacement for an existing authorized facility.

NOTE: An X in the pollutants column of this table indicates the EPN is included in the cap for that pollutant.

EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
01FUG_001	01FUG#001	Alkylation No. 1 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
02CTL_017	02CTL#017	Alkylation No. 2 Cooling Tower No. 17	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	X	X	X
02FUG_001	02FUG#001	Alkylation No. 2 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	-
02TFX_4194	02TFX#4194	Alkylation No. 2 Fixed Roof Tank 4194	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-
02TFX_4191	02TFX#4191	Alkylation No. 2 Fixed Roof Tank 4191	X	-	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-
02TFX_4192	02TFX#4192	Alkylation No. 2 Fixed Roof Tank 4192	X	-	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-
02TFX_4193	02TFX#4193	Alkylation No. 2 Fixed Roof Tank 4193	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-
03FUG_001	03FUG#001	Hydrotreater Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
04CAN_4026	04TFX#4026	Coker Fixed Roof Tank 4026 (Carbon Canister)	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
04CAN_4028	04TFX#4028	Coker Fixed Roof Tank 4028 (Carbon Canister)	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
04CAN_4029	04TFX#4029	Coker Fixed Roof Tank 4029 (Carbon Canister)	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
04CTL_002	04CTL#002	Coker Cooling Tower No. 2	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	X	X	-
04CTL_006	04CTL#006	Coker Cooling Tower No. 6	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	X	X	-
04FUG_001	04FUG#001	Coker Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-

## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

Page 2

EPN	FIN	NAME	MSS Source	MSS Emissions									Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>	
04FUG_002	04FUG#001	Coke Pit	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-		
04FUG_003	04FUG#001	Stockpile	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-		
04FUG_004	04FUG#001	Conveyor System 1	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-		
04FUG_005	04FUG#001	Conveyor System 2	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-		
04STK_001	04HTR#001	Coker East Heater (B-101-B)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-		
04STK_002	04HTR#002	Coker Middle Heater (B-101-A)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-		
04STK_003	04HTR#003	Coker West Heater (B-101-C)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-		
04STK_004	04HTR#004	Coker Far West Heater (BA-3000)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-		
04TFX_1341	04TFX#1341	Coker Fixed Roof Tank 1347	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-		
04TFX_4025	04TFX#4025	Storage Tank 4025	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-		
04TFX_4125	04TFX#4125	Storage Tank 4125	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-		
05CTL_026	05CTL#026	Crude Unit B Cooling Tower No. 26	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	X	X		
05FUG_001	05FUG#001	Crude Unit B Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-		
05STK_001	05HTR#001	CUB Atmospheric Heater (H-3101)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-		
05STK_002	05HTR#002	CUB South Vacuum Heater (H-3102)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-		
05STK_004	05HTR#004	CUB North Vacuum Heater (H-2001)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-		
05TFX_4014	05TFX#4014	CUB Fixed Roof Tank 4014	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-		
05TFX_4130	05TFX#4130	CUB Fixed Roof Tank 4130	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-		
05TFX_4197	05TFX#4197	CUB Fixed Roof Tank 4197	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-		
06CTL_001	06CTL#001	FCCU Cooling Tower No. 1	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	-		
06FUG_001	06FUG#001	FCCU Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	-		

## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions									Normal Emissions							
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
06STK_002	06HTR#002	FCC Feed Preheater Heater (B-2)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
06STK_003	06SCB#003	FCCU Scrubber Stack	X	-	X	-	-	-	-	-	-	X	X	X	X	-	X	-	X	X
07CTL_016	07CTL#016	Gas Compressor Plant No. 3 Cooling Tower No. 16	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	-
07FUG_001	07FUG#001	Gas Compressor Plant No. 3 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
08CTL_013	08CTL#013	GP5E Cooling Tower No. 13	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	-
08CTL_021	08CTL#021	GP5E Cooling Tower No. 21	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	-
08FUG_001	08FUG#001	GP5E Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
08STK_003	08HTR#003	GP5E Propane Dryer Heater	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
09FUG_001	09FUG#001	GP5W Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
10FUG_001	10FUG#001	Merox Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
11FUG_001	11FUG#001	MRU Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
12FUG_001	12FUG#001	MTBE Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
13FUG_001	13FUG#001	NBRU Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
13TFX_4080	13TFX#4080	NBRU Fixed Roof Tank 4080	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
14FUG_001	14FUG#001	Flare Gas Recovery Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	-
15CTL_018	15CTL#018	CHD1 Cooling Tower No. 18	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	-
15FUG_001	15FUG#001	CHD1 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	-	-
15STK_001	15HTR#001	CHD1 Charge Heater (B-1)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
16FUG_001	16FUG#001	CHD2 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	X
16STK_001	16HTR#001	CHD2 Charge Heater (B-1)	X	X	X	X	X	-	-	-	-	X	X	X	X	-	X	X	-	-
16STK_001	16BLR#002	CHD2 Stripper Reboiler Heater (B-2)	X	X	X	X	X	-	-	-	-	X	X	X	X	-	X	X	-	-

## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
16TFX_3121	16TFX#3121	CHD2 Fixed Roof Tank 3121	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
17FUG_001	17FUG#001	SDEA Fugitives Area	X	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	-
17TFX_4007	17TFX#4007	SDEA Fixed Roof Tank 4007	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
17TFX_4008	17TFX#4008	SDEA Fixed Roof Tank 4008	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
18FUG_001	18FUG#001	DEA3 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	-
18SMP_4118	18SMP#4118	DEA Unit Sump 4118	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
19FUG_001	19FUG#001	Dualayer Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
19TEF_1323	19TEF#1323	Dualayer External Floating Roof Tank 1323	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
19TEF_1332	19TEF#1332	Dualayer External Floating Roof Tank 1332	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
19TFX_0360	19TFX#0360	Dualayer Fixed Roof Tank 360	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
19TFX_0361	19TFX#0361	Dualayer Fixed Roof Tank 361	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
19TFX_0542	19TFX#0542	Dualayer Fixed Roof Tank 542	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
19TFX_0547	19TFX#0547	Dualayer Fixed Roof Tank 547	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
19TFX_1356	19TFX#1356	Dualayer Fixed Roof Tank 1356	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
19TFX_4041	19TFX#4041	Dualayer Fixed Roof Tank 4041	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
19TFX_4042	19TFX#4042	Dualayer Fixed Roof Tank 4042	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
19TIF_0648	19TIF#0648	Dualayer Internal Floating Roof Tank 648	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
19CTL_025	19CTL#025	Dualayer Cooling Tower No. 25	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-
20CTL_005	20CTL#005	HDC Cooling Tower No. 5	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	X	X	X
20FUG_001	20FUG#001	HDC Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
20STK_001	20HTR#001	HDC 1st Stage West Heater (H-3301)	X	X	X	X	X	-	-	-	-	-	-	X	X	X	-	X	X	-

## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions									Normal Emissions							
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
20STK_002	20HTR#002	HDC 1st Stage East Heater (H-3302)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
20STK_003	20HTR#003	HDC 2nd Stage Heater (H-3303)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
20STK_004	20HTR#004	HDC Stabilizer Heater (H-3304)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
20STK_005	20HTR#005	HDC Splitter Heater (H-3305)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
20TVT_001	20TVT#001	Waste Oil Container	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
21STK_001	21HTR#001	SAM Methanator Heater	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
22FUG_001	22FUG#001	H2S Plant Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	-
25CAN_2368	25TFX#2368	Isomerization Fixed Roof Tank 2368 (Carbon Canister)	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
25CTL_002	25CTL#022	Cooling Tower No. 22	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	-
25FUG_001	25FUG#001	Isomerization Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
25STK_001	25HTR#001	Isomerization Pretreater Charge Heater (B-1)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
25STK_003	25HTR#003	Isomerization Reactor Charge Heater (B-401)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
25STK_004	25HTR#004	Isomerization Regeneration Heater (B-402)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
26FUG_001	26FUG#001	NDEA Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	-
26TFX_4020	26TFX#4020	NDEA Fixed Roof Tank 4020	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
27CTL_003	27CTL#003	Cooling Tower No. 3	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	X	X	X
27FUG_001	27FUG#001	PTR3 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
27STK_001	27HTR#001	PTR3 Pretreater Heater (H-3401)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
27STK_002	27HTR#002	PTR3 Stripper Reboiler (H-3402)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
27STK_003	27HTR#003	PTR3 Reformer Heater (H-3403,4,5,6)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
27STK_004	27HTR#004	PTR3 Debutanizer Reboiler(H-3408)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-

## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions									Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>	
27TFX_1363	27TFX#1363	PTR3 Fixed Roof Tank 1363	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
27TVT_001	27TVT#001	HP Compressor Lube Oil Reserve Tank	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-
27TVT_002	27TVT#002	Recycle Compressor Lube Oil Reserve	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-
27TVT_003	27TVT#003	Off-Gas Compressor Lube Oil Reserve Tank	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-
27TVT_004	27TVT#004	Booster Lube Oil Tank	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-
27TVT_005	27TVT#005	Booster Lube Oil Tank	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-
27VNT_001	27VNT#001	PTR3 Regenerator Vent	X	-	-	-	-	-	-	-	-	X	X	X	-	-	-	X	X	-	-
28FUG_001	28FUG#001	PTR4 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
28STK_001	28HTR#001	PTR4 Pretreater Charge (B-7001)	X	X	X	X	X	-	-	-	-	-	-	X	X	X	-	X	X	-	-
28STK_001	28HTR#002	PTR4 Depent Reboiler (B-7002)	X	X	X	X	X	-	-	-	-	-	-	X	X	X	-	X	X	-	-
28STK_003	28HTR#003	PTR4 Reformer Heater (B-7101-4)	X	X	X	X	X	-	-	-	-	-	-	X	X	X	-	X	X	-	-
28STK_003	28HTR#004	PTR4 Debutanizer Reboiler (B-7201)	X	X	X	X	X	-	-	-	-	-	-	X	X	X	-	X	X	-	-
28TVT_001	28TVT#001	Total Gas Compressor Lube Reserve Tank	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-
28TVT_002	28TVT#002	Booster Compressor Lube Oil Reserve	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-
28TVT_003	28TVT#003	Treat Gas Compressor Lube Oil Reserve Tank	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-
28TVT_004	28TVT#004	Treat Gas Compressor Lube Oil Reserve Tank	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-
28VNT_001	28VNT#001	PTR4 Reactor Regeneration Vent	X	-	-	-	-	-	-	-	-	X	X	X	-	-	-	X	X	-	-
29FUG_001	29FUG#001	SWS Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	X
31TFX_4091	31TFX#4091	SRU-2 Fixed Roof Tank 4091	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
32FUG_001	32FUG#001	SRU 2/3 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	X
32STK_001	32TOX#001	SRU3 Thermal Oxidizer	X	-	-	-	-	-	-	-	-	X	X	X	X	X	-	X	-	-	-



## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
32TFX_4073	32TFX#4073	SRU-3 Fixed Roof Tank 4073	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
32TFX_4074	32TFX#4074	SRU-3 Fixed Roof Tank 4074	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
32TFX_4076	32TFX#4076	SRU-3 Fixed Roof Tank 4076	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
32VNT_002	32VNT#002	SRU2/3 No. 2 Vent	X	-	X	X	-	-	X	X	-	-	X	X	-	X	X	-	-	-
32VNT_003	32VNT#003	SRU2/3 No. 3 Vent	X	-	X	X	-	-	X	X	-	-	X	X	-	X	X	-	-	-
33FUG_001	33FUG#001	Treater 3 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
33VNT_001	33VNT#001	Treater 3 Excess Air Vent	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
36CTL_019	36CTL#019	Crude Unit A Cooling Tower No. 19	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	X	X	X
36FUG_001	36FUG#001	Crude Unit A Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
36STK_002e, 36STK_002w, 36STK_002i	36HTR#002e, 36HTR#002w36HTR#002i	CUA Atmospheric Heater B1-A	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
36STK_004e, 36STK_004w, 36STK_004i	36HTR#004e, 36HTR#004i	CUA Atmospheric Heater B1-B	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
36STK_006	36HTR#006	CUA Vacuum Heater B-2	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
36STK_007	36HTR#007	CUA Vacuum Heater B-3	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
37TFX_0364	37TFX#0364	Duosol Fixed Roof Tank 364	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
37TFX_0483	37TFX#0483	Duosol Fixed Roof Tank 483	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
37TFX_4027	37TFX#4027	Duosol Fixed Roof Tank 4027	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
37TFX_4099	37TFX#4099	Duosol Fixed Roof Tank 4099	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
38CTL_009	38CTL#009	Furfural 1 Cooling Tower No. 9	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	-

## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions									Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>	
38FUG_001	38FUG#001	Furfural 1 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	
38STK_001	38HTR#001	Furfural 1 Extract Heater B-1	X	X	X	X	X	-	-	-	-	-	-	X	X	X	-	X	X	-	-
38STK_001	38HTR#002	Furfural 1 Extract Heater B-2	X	X	X	X	X	-	-	-	-	-	-	X	X	X	-	X	X	-	-
38STK_002	38HTR#003	Furfural 1 Extract Heater B2-A	X	X	X	X	X	-	-	-	-	-	-	X	X	X	-	X	X	-	-
38TFX_4032	38TFX#4032	Furfural 1 Fixed Roof Tank 4032	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
38TFX_4033	38TFX#4033	Furfural 1 Fixed Roof Tank 4033	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
38TFX_4034	38TFX#4034	Furfural 1 Fixed Roof Tank 4034	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
38TVT_001	38TVT#001	Anti-Foulant Storage Tank	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-
38VNT_001	38VNT#001	Furfural 1 Condenser Vent	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
38VNT_002	38VNT#002	Furfural 1 Deaerator Vent	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
38VNT_003	38VNT#003	Sump 4086	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
39CTL_008	39CTL#008	Furfural 2 Cooling Tower No. 8	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	-
39FUG_001	39FUG#001	Furfural 2 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
39STK_001	39HTR#001	Furfural 2 Extract Heater BA-1	X	X	X	X	X	-	-	-	-	-	-	X	X	X	-	X	X	-	-
39STK_001	39HTR#002	Furfural 2 Extract Heater BA-2	X	X	X	X	X	-	-	-	-	-	-	X	X	X	-	X	X	-	-
39STK_002	39HTR#002	Furfural 2 Extract Heater B-103	X	X	X	X	X	-	-	-	-	-	-	X	X	X	-	X	X	-	-
39TFX_4036	39TFX#4036	Furfural 2 Fixed Roof Tank 4036	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
39TVT_001	39TVT#001	Neutralization Storage Tank	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-
39TVT_002	39TVT#002	Anti-Foulant Storage Tank	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-
39VNT_001	39VNT#001	Furfural 2 Condenser Vent	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
39VNT_002	39VNT#002	Furfural 2 Deaerator Vent	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-

## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
39VNT_003	39SMP#007	Furfural 2 Unit Sump	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
40FUG_001	40FUG#001	Hydrofinisher (HDF) Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	-	-
44TFX_0350	44TFX#0350	Lube Fixed Roof Tank 350	X	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-
40STK_001	40HTR#001	HDF Lube Oil Heater (10-B-1)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
40STK_002	40HTR#002	HDF Paraffin Wax Heater (20-B-1)	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
42CAF_001	42CAF#001	Ketone-2 Process Fugitives Chillers and Filters	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
42CTL_007	42CTL#007	Ketone-2 Cooling Tower No. 7	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	-
42FUG_001	42FUG#001	Ketone-2 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
42VNT_001	42VNT#001	Ketone-2 Nitrogen Vent	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
42VNT_002	42VNT#002	Ketone-2 Quench Drum	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
42TFX_4139	42TFX#4139	Ketone-2 Fixed Roof Tank 4139	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44FUG_001	44FUG#001	Lube Tank Farm Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44LRA_002	44LRA#002	Railcar/Tank Truck Loading Rack 2	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44LRA_010	44LRA#010	Railcar/Tank Truck Loading Rack 10	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_0350	44TFX#0350	Lube Fixed Roof Tank 350	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_0410	44TFX#0410	Lube Fixed Roof Tank 410	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_0490	44TFX#0490	Lube Fixed Roof Tank 490	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_0560	44TFX#0560	Lube Fixed Roof Tank 560	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_0569	44TFX#0569	Lube Fixed Roof Tank 569	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_0570	44TFX#0570	Lube Fixed Roof Tank 570	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_0580	44TFX#0580	Lube Fixed Roof Tank 580	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
44TFX_0582	44TFX#0582	Lube Fixed Roof Tank 582	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_0584	44TFX#0584	Lube Fixed Roof Tank 584	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_0585	44TFX#0585	Lube Fixed Roof Tank 585	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_0698	44TFX#0698	Lube Fixed Roof Tank 698	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_0722	44TFX#0722	Lube Fixed Roof Tank 722	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_0748	44TFX#0748	Lube Fixed Roof Tank 748	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_0749	44TFX#0749	Lube Fixed Roof Tank 749	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_0798	44TFX#0798	Lube Fixed Roof Tank 798	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1106	44TFX#1106	Lube Fixed Roof Tank 1106	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1107	44TFX#1107	Lube Fixed Roof Tank 1107	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1111	44TFX#1111	Lube Fixed Roof Tank 1111	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1112	44TFX#1112	Lube Fixed Roof Tank 1112	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1118	44TFX#1118	Lube Fixed Roof Tank 1118	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1119	44TFX#1119	Lube Fixed Roof Tank 1119	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1120	44TFX#1120	Lube Fixed Roof Tank 1120	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1121	44TFX#1121	Lube Fixed Roof Tank 1121	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1130	44TFX#1130	Lube Fixed Roof Tank 1130	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1134	44TFX#1134	Lube Fixed Roof Tank 1134	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1135	44TFX#1135	Lube Fixed Roof Tank 1135	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1136	44TFX#1136	Lube Fixed Roof Tank 1136	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1154	44TFX#1154	Lube Fixed Roof Tank 1154	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-

## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
44TFX_1155	44TFX#1155	Lube Fixed Roof Tank 1155	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1156	44TFX#1156	Lube Fixed Roof Tank 1156	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1168	44TFX#1168	Lube Fixed Roof Tank 1168	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1169	44TFX#1169	Lube Fixed Roof Tank 1169	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1170	44TFX#1170	Lube Fixed Roof Tank 1170	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1171	44TFX#1171	Lube Fixed Roof Tank 1171	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1172	44TFX#1172	Lube Fixed Roof Tank 1172	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1178	44TFX#1178	Lube Fixed Roof Tank 1178	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1179	44TFX#1179	Lube Fixed Roof Tank 1179	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1180	44TFX#1180	Lube Fixed Roof Tank 1180	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1183	44TFX#1183	Lube Fixed Roof Tank 1183	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1184	44TFX#1184	Lube Fixed Roof Tank 1184	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1186	44TFX#1186	Lube Fixed Roof Tank 1186	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1187	44TFX#1187	Lube Fixed Roof Tank 1187	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1188	44TFX#1188	Lube Fixed Roof Tank 1188	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1193	44TFX#1193	Lube Fixed Roof Tank 1193	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1194	44TFX#1194	Lube Fixed Roof Tank 1194	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1197	44TFX#1197	Lube Fixed Roof Tank 1197	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1198	44TFX#1198	Lube Fixed Roof Tank 1198	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1199	44TFX#1199	Lube Fixed Roof Tank 1199	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1200	44TFX#1200	Lube Fixed Roof Tank 1200	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
44TFX_1201	44TFX#1201	Lube Fixed Roof Tank 1201	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1202	44TFX#1202	Lube Fixed Roof Tank 1202	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1203	44TFX#1203	Lube Fixed Roof Tank 1203	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1204	44TFX#1204	Lube Fixed Roof Tank 1204	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1205	44TFX#1205	Lube Fixed Roof Tank 1205	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1224	44TFX#1224	Lube Fixed Roof Tank 1224	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1226	44TFX#1226	Lube Fixed Roof Tank 1226	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1227	44TFX#1227	Lube Fixed Roof Tank 1227	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1232	44TFX#1232	Lube Fixed Roof Tank 1232	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1262	44TFX#1262	Lube Fixed Roof Tank 1262	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1264	44TFX#1264	Lube Fixed Roof Tank 1264	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1273	44TFX#1273	Lube Fixed Roof Tank 1273	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1278	44TFX#1278	Lube Fixed Roof Tank 1278	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1279	44TFX#1279	Lube Fixed Roof Tank 1279	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1280	44TFX#1280	Lube Fixed Roof Tank 1280	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1282	44TFX#1282	Lube Fixed Roof Tank 1282	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1283	44TFX#1283	Lube Fixed Roof Tank 1283	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1285	44TFX#1285	Lube Fixed Roof Tank 1285	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1286	44TFX#1286	Lube Fixed Roof Tank 1286	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1287	44TFX#1287	Lube Fixed Roof Tank 1287	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1288	44TFX#1288	Lube Fixed Roof Tank 1288	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-

## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
44TFX_1289	44TFX#1289	Lube Fixed Roof Tank 1289	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1290	44TFX#1290	Lube Fixed Roof Tank 1290	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1292	44TFX#1292	Lube Fixed Roof Tank 1292	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1293	44TFX#1293	Lube Fixed Roof Tank 1293	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1328	44TFX#1328	Lube Fixed Roof Tank 1328	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1368	44TFX#1368	Lube Fixed Roof Tank 1368	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1369	44TFX#1369	Lube Fixed Roof Tank 1369	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1370	44TFX#1370	Lube Fixed Roof Tank 1370	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1371	44TFX#1371	Lube Fixed Roof Tank 1371	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1382	44TFX#1382	Lube Fixed Roof Tank 1382	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1386	44TFX#1386	Lube Fixed Roof Tank 1386	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_1393	44TFX#1393	Lube Fixed Roof Tank 1393	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_2100	44TFX#2100	Lube Fixed Roof Tank 2100	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_2124	44TFX#2124	Lube Fixed Roof Tank 2124	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_2125	44TFX#2125	Lube Fixed Roof Tank 2125	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_2185	44TFX#2185	Lube Fixed Roof Tank 2185	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_2186	44TFX#2186	Lube Fixed Roof Tank 2186	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_2196	44TFX#2196	Lube Fixed Roof Tank 2196	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_2198	44TFX#2198	Lube Fixed Roof Tank 2198	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_2199	44TFX#2199	Lube Fixed Roof Tank 2199	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_2222	44TFX#2222	Lube Fixed Roof Tank 2222	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-

## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions									Normal Emissions							
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
44TFX_2234	44TFX#2234	Lube Fixed Roof Tank 2234	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_5004	44TFX#5004	Lube Fixed Roof Tank 5004	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TFX_5005	44TFX#5005	Lube Fixed Roof Tank 5005	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TIF_1294	44TIF#1294	Lube Internal Floating Roof Tank 1294	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TIF_1295	44TIF#1295	Lube Internal Floating Roof Tank 1295	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
44TIF_1296	44TIF#1296	Lube Internal Floating Roof Tank 1296	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
45FUG_001	45FUG#001	SBRU Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
45VNT_001	45STR#001	Nitrogen Vent	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
47CAN_0411	47TIF#0411	EWT Internal Fixed Roof Tank 411 (Carbon Canister)	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
47CAN_0412	47TIF#0412	EWT Internal Fixed Roof Tank 412 (Carbon Canister)	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
47CAN_0432	47TFX#0432	EWT Fixed Roof Tank 432 (Carbon Canister)	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
47CAN_1313	47TIF#1313	EWT Internal Fixed Roof Tank 1313 (Carbon Canister)	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
47CAN_4184	47TFX#4184	EWT Internal Fixed Roof Tank 4184 (Carbon Canister)	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
47ENG_225	47ENG#225	SIB Engine 225	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-
47ENG_226	47ENG#226	SIB Engine 226	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-
47ENG_227	47ENG#227	SIB Engine 227	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-
47ENG_228	47ENG#228	SIB Engine 228	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-
47ENG_229	47ENG#229	SIB Engine 229	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-
47FUG_001	47FUG#001	EWT Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
47OWS_API	47OWS#API	API	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
47OWS_DAF	47OWS#DAF	DAF	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-



## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
47SMP_4136	47SMP#4136	EWT Unit Sump 4136	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
47TFX_0417	47TFX#0417	EWT Fixed Roof Tank 417	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
47TFX_0435	47TFX#0435	EWT Fixed Roof Tank 435	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47TFX_4096	47TFX#4096	EWT Fixed Roof Tank 4096	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
47TIF_0413	47TIF#0413	EWT Internal Fixed Roof Tank 413	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
47TIF_4001	47TIF#4001	EWT Internal Fixed Roof Tank 4001	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48FUG_001	48FUG#001	Ethyl Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	-
48TEF_0713	48TEF#0713	Ethyl Plant External Floating Roof Tank 713	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1151	48TEF#1151	Ethyl Plant External Floating Roof Tank 1151	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1158	48TEF#1158	Ethyl Plant External Floating Roof Tank 1158	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1164	48TEF#1164	Ethyl Plant External Floating Roof Tank 1164	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1165	48TEF#1165	Ethyl Plant External Floating Roof Tank 1165	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1212	48TEF#1212	Ethyl Plant External Floating Roof Tank 1212	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1251	48TEF#1251	Ethyl Plant External Floating Roof Tank 1251	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1300	48TEF#1300	Ethyl External Floating Roof Tank 1300	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1324	48TEF#1324	Ethyl Plant External Floating Roof Tank 1324	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1325	48TEF#1325	Ethyl External Floating Roof Tank 1325	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1329	48TEF#1329	Ethyl Plant External Floating Roof Tank 1329	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TIF_1334	48TIF#1334	Ethyl Plant Internal Floating Roof Tank 1334	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1337	48TEF#1337	Ethyl Plant External Floating Roof Tank 1337	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TIF_1338	48TIF#1338	Ethyl Plant Internal Floating Roof Tank 1338	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-

## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
48TEF_1349	48TEF#1349	Ethyl Plant External Floating Roof Tank 1349	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1350	48TEF#1350	Ethyl Plant External Floating Roof Tank 1350	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1351	48TEF#1351	Ethyl Plant External Floating Roof Tank 1351	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TIF_1361	48TIF#1361	Ethyl Plant Internal Floating Roof Tank 1361	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1362	48TEF#1362	Ethyl Plant External Floating Roof Tank 1362	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1365	48TEF#1365	Ethyl External Floating Roof Tank 1365	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1366	48TEF#1366	Ethyl Plant External Floating Roof Tank 1366	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TEF_1389	48TEF#1389	Ethyl Plant External Floating Roof Tank 1389	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TFX_0392	48TFX#0392	Ethyl Plant Fixed Roof Tank 392	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TFX_0393	48TFX#0393	Ethyl Fixed Roof Tank 393	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TFX_0394	48TFX#0394	Ethyl Plant Fixed Roof Tank 394	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TFX_0395	48TFX#0395	Ethyl Plant Fixed Roof Tank 395	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TFX_0499	48TFX#0499	Ethyl Plant Fixed Roof Tank 499	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TFX_1256	48TFX#1256	Ethyl Plant Fixed Roof Tank 1256	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TFX_1257	48TFX#1257	Ethyl Plant Fixed Roof Tank 1257	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TIF_0702	48TIF#0702	Ethyl Internal Floating Roof Tank 702	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TIF_1000	48TIF#1000	Ethyl Plant Internal Floating Roof Tank 1000	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
48TIF_1390	48TIF#1390	Ethyl Plant Internal Floating Roof Tank 1390	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49CAN_0766	49TFX#0766	OMCC-1 Fixed Roof Tank 766 (Carbon Canister)	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_1228	49TFX#1228	OMCC-1 Fixed Roof Tank 1228	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49CAN_T100	49TFX#T100	OMCC-1 Fixed Roof Tank T100 (Carbon Canister)	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-

## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
49FUG_001	49FUG#001	North Tank Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	-
49TEF_0590	49TEF#0590	OMCC-1 External Floating Roof Tank 590	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TEF_0718	49TEF#0718	OMCC-1 External Floating Roof Tank 718	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TEF_1215	49TEF#1215	OMCC-1 External Floating Roof Tank 1215	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TEF_1284	49TEF#1284	OMCC-1 External Floating Roof Tank 1284	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TEF_1314	49TEF#1314	OMCC-1 External Floating Roof Tank 1314	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TEF_1320	49TEF#1320	OMCC-1 External Floating Roof Tank 1320	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TEF_1321	49TEF#1321	OMCC-1 External Floating Roof Tank 1321	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TEF_1335	49TEF#1335	OMCC-1 External Floating Roof Tank 1335	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TEF_1352	49TEF#1352	OMCC-1 External Floating Roof Tank 1352	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TEF_1377	49TEF#1377	OMCC-1 External Floating Roof Tank 1377	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TEF_1378	49TEF#1378	OMCC-1 External Floating Roof Tank 1378	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TEF_1381	49TEF#1381	OMCC-1 External Floating Roof Tank 1381	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TEF_5013	49TEF#5013	OMCC-1 External Floating Roof Tank 5013	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TEF_5015	49TEF#5015	OMCC-1 External Floating Roof Tank 5015	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_0331	49TFX#0331	OMCC-1 Fixed Roof Tank 331	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_0333	49TFX#0333	OMCC-1 Fixed Roof Tank 333	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_0334	49TFX#0334	OMCC-1 Fixed Roof Tank 334	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_0593	49TFX#0593	OMCC-1 Fixed Roof Tank 593	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_0700	49TFX#0700	OMCC-1 Fixed Roof Tank 700	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_0705	49TFX#0705	OMCC-1 Fixed Roof Tank 705	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-

## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
49TFX_0754	49TFX#0754	OMCC-1 Fixed Roof Tank 754	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_0759	49TFX#0759	OMCC-1 Fixed Roof Tank 759	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_0765	49TFX#0765	OMCC-1 Fixed Roof Tank 765	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_5025	49TFX#5025	OMCC-1 Fixed Roof Tank 5025	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_1143	49TFX#1143	OMCC-1 Fixed Roof Tank 1143	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_1144	49TFX#1144	OMCC-1 Fixed Roof Tank 1144	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_1145	49TFX#1145	OMCC-1 Fixed Roof Tank 1145	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_1222	49TFX#1222	OMCC-1 Fixed Roof Tank 1222	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_1238	49TFX#1238	OMCC-1 Fixed Roof Tank 1238	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_1239	49TFX#1239	OMCC-1 Fixed Roof Tank 1239	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_1259	49TFX#1259	OMCC-1 Fixed Roof Tank 1259	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_1260	49TFX#1260	OMCC-1 Fixed Roof Tank 1260	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_1265	49TFX#1265	OMCC-1 Fixed Roof Tank 1265	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_1359	49TFX#1359	OMCC-1 Fixed Roof Tank 1359	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_1367	49TFX#1367	OMCC-1 Fixed Roof Tank 1367	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_1372	49TFX#1372	OMCC-1 Fixed Roof Tank 1372	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_1391	49TFX#1391	OMCC-1 Fixed Roof Tank 1391	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_1700	49TFX#1700	OMCC-1 Fixed Roof Tank 1700	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_5002	49TFX#5002	OMCC-1 Fixed Roof Tank 5002	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	-
49TFX_5003	49TFX#5003	OMCC-1 Fixed Roof Tank 5003	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_5006	49TFX#5006	OMCC-1 Fixed Roof Tank 5006	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-

## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions									
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>	
49TFX_5007	49TFX#5007	OMCC-1 Fixed Roof Tank 5007	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_5009	49TFX#5009	OMCC-1 Fixed Roof Tank 5009	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_5010	49TFX#5010	OMCC-1 Fixed Roof Tank 5010	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_5011	49TFX#5011	OMCC-1 Fixed Roof Tank 5011	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_5012	49TFX#5012	OMCC-1 Fixed Roof Tank 5012	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TFX_5014	49TFX#5014	OMCC-1 Fixed Roof Tank 5014	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TIF_0594	49TIF#0594	OMCC-1 Internal Floating Roof Tank 594	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
49TIF_1269	49TIF#1269	OMCC-1 Internal Floating Roof Tank 1269	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50FUG_001	50FUG#001	South Tanks Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	-
50TEF_1375	50TEF#1375	OMCC-2 External Floating Roof Tank 1375	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TEF_2209	50TEF#2209	OMCC-2 External Floating Roof Tank 2209	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TEF_2210	50TEF#2210	OMCC-2 External Floating Roof Tank 2210	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TEF_2211	50TEF#2211	OMCC-2 External Floating Roof Tank 2211	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TEF_2212	50TEF#2212	OMCC-2 External Floating Roof Tank 2212	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TEF_2213	50TEF#2213	OMCC-2 External Floating Roof Tank 2213	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TEF_2223	50TEF#2223	OMCC-2 External Floating Roof Tank 2223	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TEF_2224	50TEF#2224	OMCC-2 External Floating Roof Tank 2224	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TEF_2225	50TEF#2225	OMCC-2 External Floating Roof Tank 2225	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TEF_2226	50TEF#2226	OMCC-2 External Floating Roof Tank 2226	X				X									X					
50TEF_2228	50TEF#2228	OMCC-2 External Floating Roof Tank 2228	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TEF_2235	50TEF#2235	OMCC-2 External Floating Roof Tank 2235	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-

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Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
50TEF_22 36	50TEF#223 6	OMCC-2 External Floating Roof Tank 2236	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TEF_22 37	50TEF#223 7	OMCC-2 External Floating Roof Tank 2237	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TEF_22 38	50TEF#223 8	OMCC-2 External Floating Roof Tank 2238	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TEF_22 39	50TEF#223 9	OMCC-2 External Floating Roof Tank 2239	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TEF_50 08	50TEF#500 8	OMCC-2 External Floating Roof Tank 2234	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TFX_03 32	50TFX#033 2	OMCC-2 Fixed Roof Tank 332	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TFX_03 63	50TFX#036 3	OMCC-2 Fixed Roof Tank 363	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TFX_04 91	50TFX#049 1	OMCC-2 Fixed Roof Tank 491	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50TFX_21 36	50TFX#213 6	OMCC-2 Fixed Roof Tank 2136	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TFX_22 06	50TFX#220 6	OMCC-2 Fixed Roof Tank 2206	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TFX_22 07	50TFX#220 7	OMCC-2 Fixed Roof Tank 2207	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TIF_213 3	50TIF#2133	OMCC-2 Internal Floating Roof Tank 2133	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TIF_213 4	50TIF#2134	OMCC-2 Internal Floating Roof Tank 2134	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TIF_220 3	50TIF#2203	OMCC-2 Internal Floating Roof Tank 2203	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TIF_221 4	50TIF#2214	OMCC-2 Internal Floating Roof Tank 2214	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TIF_223 4	50TIF#2234	OMCC-2 Fixed Roof Tank 2234	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TPR_22 30	50TPR#223 0	OMCC-2 Pressure Vessel 2230	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TPR_22 31	50TPR#223 1	OMCC-2 Pressure Vessel 2231	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TPR_22 32	50TPR#223 2	OMCC-2 Pressure Vessel 2232	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TSP_21 40	50TSP#214 0	OMCC-2 Pressure Vessel 2140	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TSP_21 42	50TSP#214 2	OMCC-2 Pressure Vessel 2142	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-

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Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions									Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>	
50TSP_21 54	50TSP#215 4	OMCC-2 Pressure Vessel 2154	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TSP_21 55	50TSP#215 5	OMCC-2 Pressure Vessel 2155	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TSP_21 59	50TSP#215 9	OMCC-2 Pressure Vessel 2159	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TSP_21 70	50TSP#217 0	OMCC-2 Pressure Vessel 2170	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TSP_21 71	50TSP#217 1	OMCC-2 Pressure Vessel 2171	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TSP_21 72	50TSP#217 2	OMCC-2 Pressure Vessel 2172	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TSP_22 16	50TSP#221 6	OMCC-2 Pressure Vessel 2216	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TSP_22 17	50TSP#221 7	OMCC-2 Pressure Vessel 2217	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TSP_22 18	50TSP#221 8	OMCC-2 Pressure Vessel 2218	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TSP_22 19	50TSP#221 9	OMCC-2 Pressure Vessel 2219	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TSP_22 20	50TSP#222 0	OMCC-2 Pressure Vessel 2220	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
50TSP_22 33	50TSP#223 3	OMCC-2 Pressure Vessel 2233	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
51PON_SI B	51PON#SIB	Secondary Impounding Basin Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
51TFX_31 1D	51TFX#311 D	SIB Fixed Roof Tank 311D	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
52CAN_00 1	52SMP#001	Wharf 2 Sump (w/dual carbon canister control)	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
52FUG_00 1	52FUG#001	Wharf 2 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
52LBS_00 1	52LBS#001	Wharf 2 Loading Operations w/o Flare Control (Barge or Ship)	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
53CAN_00 1	53SMP#001	Wharf 4 Sump (w/dual carbon canister control)	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
53FUG_00 1	53FUG#001	Wharf 4 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
53LBS_00 1	53LBS#001	Wharf 4 Loading Operations w/o Flare Control (Barge or Ship)	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-

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Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
54CAN_001	54SMP#001	Wharf 5 Sumps(North and South) (w/a dual carbon canister control for two sumps)	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
54FUG_001	54FUG#001	Wharf 5 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
54LBS_001	54LBS#001	Wharf 5 Loading Operations w/o Flare Control (Barge or Ship)	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
55STK_001	55TRB#001	Power Plant 2 COGEN Turbine (24)	X	X	X	X	X	-	X	-	-	X	X	X	X	-	X	X	-	X
56CTL_027	56CTL#027	Power Plant No. 2 Cooling Tower No. 27	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	-
56FUG_001	56FUG#001	Power Plant No.2 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
57FUG_001	57FUG#001	Power Plant No.3 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
57STK_033	57STK#033	PP3 Boiler No. 33	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
57STK_034	57STK#034	PP3 Boiler No. 34	X	X	X	X	X	-	-	-	-	-	X	X	X	-	X	X	-	-
58ENG_0612	58ENG#0612	Fire Water Pump Engine 612	X	-	-	-	-	-	-	-	-	X	X	-	X	-	-	X	X	-
58ENG_0613	58ENG#0613	Fire Water Pump Engine 613	X	-	-	-	-	-	-	-	-	X	X	-	X	-	-	X	X	-
58ENG_0614	58ENG#0614	Fire Water Pump Engine 614	X	-	-	-	-	-	-	-	-	X	X	-	X	-	-	X	X	-
58ENG_0615	58ENG#0615	Fire Water Pump Engine 615	X	-	-	-	-	-	-	-	-	X	X	-	X	-	-	X	X	-
58ENG_0644	58ENG#0644	Fire Water Pump Engine 644	X	-	-	-	-	-	-	-	-	X	X	-	X	-	-	X	X	-
58ENG_0646	58ENG#0646	Fire Water Pump Engine 646	X	-	-	-	-	-	-	-	-	X	X	-	X	-	-	X	X	-
59CTL_024	59CTL#024	Air Compressor Station Cooling Tower No. 24	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-
60FLR_001	60FLR#001	CHD1 Flare	X	-	-	-	-	-	-	-	-	X	X	X	X	X	-	X	-	-
60FLR_002	60FLR#002	CHD2 Flare	X	-	-	-	-	-	-	-	-	X	X	X	X	X	-	-	-	-
60FLR_003	60FLR#003	High Pressure Flare	X	-	-	-	-	-	-	-	-	X	X	X	X	X	-	-	-	-
60FLR_004	60FLR#004	Coker Flare	X	-	-	-	-	-	-	-	-	X	X	X	X	X	-	-	-	-



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EPN	FIN	NAME	MSS Source	MSS Emissions									Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>	
60FLR_005	60FLR#005	Low Pressure Flare	X	-	-	-	-	-	-	-	-	X	X	X	X	X	-	-	-	-	
60FLR_006	60FLR#006	No. 6 Flare	X	-	-	-	-	-	-	-	-	X	X	X	X	X	-	-	-	-	
60FLR_007	60FLR#007	No. 7 Flare	X	-	-	-	-	-	-	-	-	X	X	X	X	X	-	-	-	-	
60FLR_008	60FLR#008	FCC Flare	X	-	-	-	-	-	-	-	-	X	X	X	X	X	-	-	-	-	
60FLR_009	60FLR#009	Marine Flare (Barge or Ship)	X	-	-	-	-	-	-	-	-	X	X	X	X	X	-	-	-	-	
60FLR_010	60FLR#010	No. 10 Flare	X	-	-	-	-	-	-	-	-	X	X	X	X	X	-	-	-	-	
60FLR_012	60FLR#012	No. 12 Flare	X	X	X	X	X	-	-	X	-	X	X	X	X	X	-	-	-	-	
60VCU_011	60VCU#011	Marine Vapor Combustor (Barge or Ship)	X	X	X	X	X	-	-	-	X	X	X	X	X	-	-	X	X	-	
60FUG_001	60FUG#001	CHD1 and CHD2 Flare Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	
60FUG_002	60FUG#002	HP, LP, and FCC Flare Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	
60FUG_003	60FUG#003	Nos. 6, 7, and 10 Flare Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	
61CTL_031	61CTL#031	Power Plant No. 4 Cooling Tower No. 31	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	
61FUG_001	61FUG#001	Power Plant No. 4 Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	X	
61STK_001	61TRB#001	Power Plant No. 4 COGEN Turbine 1 (41)	X	X	X	X	X	X	-	X	-	X	X	X	X	-	X	X	-	X	
61STK_002	61TRB#002	Power Plant No. 4 COGEN Turbine 2 (42)	X	X	X	X	X	X	-	X	-	X	X	X	X	-	X	X	-	X	
61STK_003	61TRB#003	Power Plant No. 4 COGEN Turbine 3 (43)	X	X	X	X	X	X	-	X	-	X	X	X	X	-	X	X	-	X	
61TFX_4158	61TFX#4158	Power Plant No. 4 Fixed Roof Storage Tank 4158	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	
61TFX_4162	61TFX#4162	Power Plant No. 4 Fixed Roof Storage Tank 4162	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	
61TFX_4164	61TFX#4164	Power Plant No. 4 Fixed Roof Storage Tank 4164	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	
61TFX_4168	61TFX#4168	Power Plant No. 4 Fixed Roof Storage Tank 4168	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	
61VNT_001	61VNT#001	Power Plant No. 4 CTG No. 1 Lube Oil Vent	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	

## ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions								
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM	NH <sub>3</sub>
61VNT_002	61VNT#002	Power Plant No. 4 CTG No. 2 Lube Oil Vent	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
61VNT_003	61VNT#003	Power Plant No. 4 CTG No. 3 Lube Oil Vent	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
62TFX_STG1	62TFX#STG1	General Fixed Roof Storage Tank STG1	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
63TIF_1373	63TIF#1373	Lab Internal Floating Roof Tank 1373	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
65FUG_001	65FUG#001	Cold Box Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
65STK_001	65HTR#001	Cold Box Reactivation Heater	X	X	X	X	X	-	-	-	-	-	-	X	X	X	-	X	X	-
66FUG_001	66FUG#001	Naptha Splitter Unit Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
67FUG_001	67FUG#001	Yard Utilities Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
69FUG_001	69FUG#001	SCANfiner Unit Fugitive Area	X	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-
69STK_001	69HTR#001	SCANfiner 1 <sup>st</sup> Stage Heater	X	X	X	X	X	-	-	-	X	X	X	X	X	-	-	X	X	-
69STK_002	69HTR#002	SCANfiner 2 <sup>nd</sup> Stage Heater	X	X	X	X	X	-	-	-	X	X	X	X	X	-	-	X	X	-
70STK_001	70HTR#001	APS Heater F-1001	X	X	X	X	X	-	-	-	X	X	X	X	X	-	-	X	X	X
70FUG_001	70FUG#001	CUC Fugitive Area	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
70CTL_032	70CTL#032	CUC Cooling Tower No. 32	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-
70TFX_5035	70TFX#5035	CUC Additive Tank No. 1	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
70TFX_5036	70TFX#5036	CUC Additive Tank No. 2	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
70TFX_5037	70TFX#5037	CUC Additive Tank No. 3	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
70TEF_5033	70TEF#5033	DHDT External Floating Roof Tank 5033	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
70TEF_4208	70TEF#4208	BRU External Floating Roof Tank 4208	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-
71STK_001	71HTR#001	KHDT Feed Preheater F-2001	X	X	X	X	X	-	-	-	X	X	X	X	X	-	-	X	X	-
71STK_002	71HTR#002	KHDT Stripper Reboiler F-2002	X	X	X	X	X	-	-	-	X	X	X	X	X	-	-	X	X	-



ATTACHMENT D

Flexible Permit Numbers 49138 and PSDTX768M1, PSDTX799, PSDTX802, PSDTX932, PSDTX992M1, and PSDTX1506

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EPN	FIN	NAME	MSS Source	MSS Emissions								Normal Emissions							
				NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	NH <sub>3</sub>	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> S	PM/PM <sub>10</sub>	NO <sub>x</sub>	CO	SO <sub>2</sub>	VOC	H <sub>2</sub> S	H <sub>2</sub> SO <sub>4</sub>	PM <sub>10/2.5</sub>	PM
99MSS_001	99MSS#008	Degassing Combustion	X	X	X	-	X	-	-	-	X	-	-	-	-	-	-	-	-
99MSS_001	99MSS#009	Vacuum Truck <0.5 psia	X	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-
99MSS_001	99MSS#010	Vacuum Truck >0.5 psia	X	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-
99MSS_001	99MSS#011	Vacuum Truck >0.5 psia (Intermittent)	X	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-
99MSS_001	99MSS#012	Dry Blasting	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-
99MSS_001	99MSS#013	Consumables	X	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-
99MSS_001	99MSS#014	Frac Tank	X	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-

Dated: January 10, 2020

## **Attachment E**

### **Root Cause Failure Analysis Requirements**

#### **Definitions Applicable to Attachment E**

Acid Gas or AG shall mean any gas that contains hydrogen sulfide and is generated at a refinery by the regeneration of an amine scrubber solution but does not mean Tail Gas.

Acid Gas Flaring Device or AG Flaring Device shall mean the following devices: the High Pressure (HP) Flare, the Low Pressure (LP) Flare, the Fluid Catalytic Cracking Unit (FCCU) Flare, the Catalytic Hydrodesulfurization Unit 1 (CHD 1) Flare, the Catalytic Hydrodesulfurization Unit 2 (CHD 2) Flare, the Coker Flare, the South Plant 6 Flare, the South Plant 7 Flare, and the South Plant 10 Flare that are used at the Beaumont Refinery to combust Acid Gas and/or Sour Water Stripper Gas. The term "Acid Gas Flaring Device" does not include facilities in which gases are combusted to produce sulfur or sulfuric acid.

Acid Gas Flaring Incident or AG Flaring Incident shall mean the continuous or intermittent combustion of Acid Gas and/or Sour Water Stripper Gas from one or more AG Flaring Devices at the Beaumont Refinery that result in the emission of sulfur dioxide in an amount equal to, or in excess of, 500 pounds in any 24 hour period. Where such continuous or intermittent combustion from one or more AG Flaring Devices continues into subsequent, contiguous, non-overlapping 24 hour periods, and sulfur dioxide equal to, or in excess of, 500 pounds is emitted in each subsequent, contiguous, non-overlapping 24 hour period, then only one AG Flaring Incident shall have occurred. Subsequent, contiguous, non-overlapping 24 hour periods are measured from the initial commencement of AG Flaring within the AG Flaring Incident.

Hydrocarbon Flaring or HC Flaring shall mean the combustion of refinery-generated gases, except for Acid Gas and/or Sour Water Stripper Gas and/or Tail Gas, in a Hydrocarbon Flaring Device.

Hydrocarbon Flaring Device or HC Flaring Device shall mean the following devices: the High Pressure (HP) Flare, the Low Pressure (LP) Flare, the Fluid Catalytic Cracking Unit (FCCU) Flare, the Catalytic Hydrodesulfurization Unit 1 (CHD 1) Flare, the Catalytic Hydrodesulfurization Unit 2 (CHD 2) Flare, the Coker Flare, the South Plant 6 Flare, the South Plant 7 Flare, and the South Plant 10 Flare that are used at the Beaumont Refinery to control (through combustion) any excess volume of a refinery-generated gas other than Acid Gas and/or Sour Water Stripper Gas and/or Tail Gas.

Hydrocarbon Flaring Incident or HC Flaring Incident shall mean the continuous or intermittent flaring of refinery-generated gases, except for Acid Gas or Sour Water Stripper Gas or Tail Gas, in a Hydrocarbon Flaring Device that results in the emission of sulfur dioxide equal to or greater than five hundred (500) pounds in a 24-hour period. Where such continuous or intermittent flaring from a Hydrocarbon Flaring Device continues into subsequent, contiguous, non-overlapping twenty-four (24) hour period(s), and sulfur dioxide equal to, or in excess of, five hundred (500) pounds is emitted in each subsequent, contiguous, non-overlapping twenty-four (24) hour period(s), then only one HC Flaring Incident shall have occurred. Subsequent, contiguous, non-overlapping twenty-four (24) hour periods are measured from the initial commencement of flaring within the HC Flaring Incident.

Sour Water Stripper Gas or SWS Gas shall mean the gas produced by the process of stripping or scrubbing refinery sour water.

Tail Gas or TG shall mean exhaust gas from the Claus trains and/or the tail gas cleanup unit (TGU) section of the Sulfur Recovery Plant (SRP).

Tail Gas Incident shall mean combustion of Tail Gas that either is:

- (1) Combusted in a flare and results in 500 pounds or more of SO<sub>2</sub> emissions in any 24 hour period; or
- (2) Combusted in a thermal incinerator and results in excess emissions of 500 pounds or more of SO<sub>2</sub> in any 24 hour period. Only those time periods which are in excess of a SO<sub>2</sub> concentration of 250 ppm (rolling 12-hour average) shall be used to determine the amount of excess SO<sub>2</sub> emissions from the incinerator.

The permit holder shall use engineering judgment and/or other monitoring data to estimate emissions during periods in which the SO<sub>2</sub> continuous emission analyzer has exceeded its range or is out of service.

## ATTACHMENT E

Flexible Permit Numbers 49138; and PSDTX768M2, PSDTX799, PSDTX802M1, PSDTX932M1, PSDTX992M2, and PSDTX1506M1

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### **Acid Gas and Hydrocarbon Flaring Incident Root Cause Analysis**

The facility shall investigate each acid gas flaring incident and hydrocarbon flaring incident and record the results of the investigation within 45 days of the end of the incident. The investigation shall include (i) the date and time the acid gas flaring incident started and ended; (ii) an estimate of the quantity of SO<sub>2</sub> emissions, including supporting calculations; (iii) steps taken to limit the duration and/or quantity of SO<sub>2</sub> emissions; (iv) an analysis of the root cause of the incident; and (v) an analysis of corrective actions, if any, that are available to reduce the likelihood of a recurrence of the incident from the same root cause. (vi) The facility shall document any corrective actions taken within 45 days following the incident, and document the schedule for completion of any other corrective actions proposed to be completed. Records of such investigations and corrective actions completed shall be kept on site.

A single root cause analysis may be used for hydrocarbon flaring root causes that occur routinely. Where the site has previously analyzed hydrocarbon incidents related to startup and shutdown, it may refer to those analyses when evaluating later incidents. Records of such investigations and corrective actions shall be kept on site.

To the extent that a hydrocarbon flaring incident has as its root cause the bypass of a flare gas recovery system for safety or maintenance reasons, the permit holder shall be required to describe only the hydrocarbon flaring incident and the date, time, and duration of the incident. Records shall be kept on site.

### **Tail Gas Incident Root Cause Analysis**

The permit holder shall investigate each tail gas incident and record the results of the investigation within 45 days of the end of the incident. The investigation shall include (i) date and time the tail gas incident started and ended; (ii) an estimate of the quantity of the SO<sub>2</sub> emissions, including supporting calculations; (iii) steps taken to limit the duration and/or quantity of SO<sub>2</sub> emissions; (iv) an analysis of the root cause of the incident; and (v) an analysis of corrective actions, if any, that are available to reduce the likelihood of a recurrence of the incident from the same root cause. (vi) The facility shall document any corrective actions taken within 45 days following the incident, and document the schedule for completion of any other corrective actions proposed to be completed. Records of such investigations and corrective actions shall be kept on site.

### **Transition to NSPS Ja**

If a flare or sulfur recovery unit becomes subject to NSPS Ja, 40 CFR Part 60, Subpart Ja, that flare or sulfur recovery unit is no longer required to follow the root cause failure analysis requirements of Special Conditions 17.H and 39.E of this permit. The flare or sulfur recovery unit shall follow the requirements of NSPS Ja.

Date: August 4, 2014

## **Attachment F**

### EPA Approved Alternative Monitoring Plans

Letter Date	ADI Control No.
November 17, 2011	1100025
November 17, 2011	1100026
February 3, 2012	1200069
April 9, 2012	—

Date: August 4, 2014

### Special Conditions

Permit Number GHGPSDTX161M1

1. This permit authorizes emissions only from those emission points listed in the attached table entitled "Greenhouse Gas Emission Sources - Maximum Allowable Emission Rates," (GHG-MAERT) and the facilities covered by this permit are authorized to emit subject to the emission rate limits on that table and other operating conditions specified in this permit. Also, this permit authorizes planned maintenance, startup and shutdown (MSS) activities that comply with the emission limits in the GHG-MAERT.

### Emissions Standards and Operating Specifications

2. The annual average firing rates of the APS Heater F-1001 (EPN: 70STK\_001), KHDT Feed Preheater F-2001 (EPN: 71STK\_001), KHDT Stripper Reboiler F-2002 (EPN: 71STK\_002), DHDT Feed Preheater F-3001 (EPN: 72STK\_001), DHDT Stripper Reboiler F-3002 (EPN: 72STK\_002), Boiler 25 (EPN: 56STK\_025), and Boiler 26 (EPN: 56STK\_026) shall not exceed the following Million British Thermal Unit per hour (MMBtu/hr) limits on an higher heating value (HHV) basis:  
**(1/20)**

EPN	EPN Name	Annual Average Firing Rate (MMBtu/hr)
70STK_001	APS Heater (F-1001)	630.8
71STK_001	KHDT Feed Preheater (F-2001)	85.5
71STK_002	KHDT Stripper Reboiler (F- 2002)	85.5
72STK_001	DHDT Feed Preheater (F- 3001)	66.5
72STK_002	DHDT Stripper Reboiler (F- 3002)	66.5
56STK_025	Boiler 25	442.9*
56STK_026	Boiler 26	442.9*

\*The boilers have a max heat input (MMBtu/hr).



- A. The permit holder shall monitor and record the firing rates of the process heaters and boilers listed above. **(1/20)**
- B. The higher heating value of the fuel gas shall be determined monthly and shall be used along with the fuel gas flow measured pursuant to Special Condition No. 6 to calculate firing rate.
- 3. Fuel for the process heaters and boilers shall be limited to refinery fuel gas or pipeline natural gas. **(1/20)**
- 4. APS Heater F-1001 (EPN: 70STK\_001)
  - A. The exhaust temperature shall be less than or equal to 500 °F on a 12-month rolling average basis. The permit holder shall continuously monitor and record the charge heater stack exhaust temperature. The outlet temperature must be recorded at least four times an hour (once every fifteen minutes). Stack temperatures recorded during periods of monitoring instrumentation malfunction and maintenance shall be excluded from calculation of the 12-month rolling average. The monitoring operation downtime shall not exceed 5% of the heater operating time during any 12-month rolling period. The temperature measurement device shall be installed, calibrated, and maintained according to the manufacturer's specifications. The device shall be accurate to within 2 percent of the temperature being measured or 10 degrees Fahrenheit, whichever is greater.
  - B. This stack temperature limit applies only during normal heater operations and does not apply during heater commissioning, startup, or shutdown, and stack temperature readings during such periods shall be excluded from the 12-month rolling average.
  - C. In addition to the above requirements, the permit holder shall implement the work practices of Appendix A.
- 5. KHDT Feed Preheater F-2001 (EPN: 71STK\_001), KHDT Stripper Reboiler F-2002 (EPN: 71STK\_002), DHDT Feed Preheater F-3001 (EPN: 72STK\_001), DHDT Stripper Reboiler F-3002 (EPN: 72STK\_002), Boiler 25 (EPN: 56STK\_025), and Boiler 26 (EPN: 56STK\_026) **(1/20)**
  - A. The exhaust temperature shall be less than or equal to 600 °F on a 12-month rolling average basis. The permit holder shall continuously monitor and record the stack exhaust temperature. The outlet temperature must be recorded at least four times an hour (once every fifteen minutes). Stack temperatures recorded during periods of monitoring instrumentation malfunction and maintenance shall be excluded from calculation of the 12-month rolling average. The monitoring operation downtime shall not exceed 5% of the operating time during any 12-month rolling period. The temperature measurement device shall be installed, calibrated, and maintained according to the manufacturer's specifications. The device shall be accurate to within 2 percent of the temperature being measured or 10 degrees Fahrenheit, whichever is greater.
  - B. This stack temperature limit applies only during normal operations and does not apply during commissioning, startup, or shutdown, and stack temperature readings during such periods shall be excluded from calculation of the 12-month rolling average.
  - C. In addition to the above requirements, the permit holder shall implement the work practices of Appendix A.

### Continuous Demonstration of Compliance

6. The Permit Holder shall install fuel metering for the process heaters and boilers listed in Special Condition Nos. 4 and 5. The Permit Holder shall install a waste gas flow meter for the No. 12 Flare (EPN: 60FLR\_0012). The flow meters shall: **(1/20)**
  - A. Continuously measure and record the fuel flow to each process heater listed above, and measure and record the waste gas flow to each flare listed above.
  - B. Record the total fuel gas amount combusted for each process heater listed above, and record the total waste gas flow amount routed to each flare listed above.
  - C. For those combustion sources listed above firing fuel or waste gas and estimating GHG emissions using the Tier III methodology, the carbon content and molecular weight of the fuel gas shall be determined as specified in 40 CFR § 98.34(b)(3). Upon request by TCEQ, EPA, or any other local programs having jurisdiction, Permit Holder shall provide a sample and/or analysis of the fuel that is fired in any combustion unit covered by this permit at the time of the request, or shall allow a sample to be taken by the agency representative for analysis.
  - D. Each fuel or waste gas flow meter shall be calibrated in accordance with the requirements of 40 CFR § 98.34(b)(1) and meet the accuracy specifications of 40 CFR § 98.3(i).
  - E. Fuel or waste gas readings recorded during periods of monitoring instrumentation malfunction and maintenance shall be excluded from calculation of the monthly and 12-month totals. The monitoring operation downtime shall not exceed 5% of the combustion unit operating time during any 12-month rolling period.
7. New fugitive components authorized by TCEQ Project No. 259291 and Project No. 303824 that are subject to monitoring under Special Condition No.69 of Air Quality Permit Nos. 49138 and PSDTX1506 in natural gas or fuel gas service shall be monitored in accordance with that condition. **(1/20)**
8. Permit holder shall install, operate, and maintain an oxygen analyzer in the stacks of APS Heater F-1001 (EPN: 70STK\_001), KHDT Feed Preheater F-2001 (EPN: 71STK\_001), KHDT Stripper Reboiler F-2002 (EPN: 71STK\_002), DHDT Feed Preheater F-3001 (EPN: 72STK\_001), DHDT Stripper Reboiler F-3002 (EPN: 72STK\_002), Boiler 25 (EPN: 56STK\_025), and Boiler 26 (EPN: 56STK\_026). The oxygen analyzer shall continuously monitor and record oxygen concentration in the stack. Readings shall be taken at least once every 15 minutes and the average hourly value shall be recorded each hour. **(1/20)**
  - A. The oxygen analyzer shall be quality-assured at least quarterly using Cylinder Gas Audits (CGA) in accordance with 40 CFR Part 60, Appendix F, Procedure 1, Section § 5.1.2, with the following exception: a relative accuracy test audit (RATA) is **not** required once every four quarters (i.e., four successive quarterly CGA may be conducted).
  - B. The permit holder shall perform an initial visual inspection of the heater and duct work to identify sources of air leaks when the oxygen analyzer indicates an oxygen concentration greater than 10% during normal operation (excluding MSS activities). Subsequent inspections shall be performed as needed on a calendar-month basis.
  - C. Oxygen readings recorded during periods of monitoring instrumentation malfunction and maintenance shall be excluded from the calculation of hourly averages provided. The

monitoring operation downtime shall not exceed 5% of the heater operating time during any 12-month rolling period.

### **Emissions Calculations**

9. Compliance with the emission limits of the MAERT shall be demonstrated using the data generated through Special Condition No. 6 and the applicable equations of 40 Code of Federal Regulations Part 98, Mandatory Greenhouse Gas Reporting. Global warming potentials are to be based on values listed in footnote #3 of the MAERT.

### **Recordkeeping Requirements**

10. The following records shall be kept at the plant for the life of the permit. All records required in this permit shall be made available at the request of personnel from the TCEQ, EPA, or any air pollution control agency with jurisdiction:
  - A. A copy of the most recent version of this permit.
  - B. Permit application dated October 3, 2016, and subsequent representations submitted to the TCEQ.
  - C. Permit application dated July 8, 2019, and subsequent representations submitted to the TCEQ. **(1/20)**
11. The following information shall be maintained by the holder of this permit in a form suitable for inspection for a period of five years after collection and shall be made available upon request to representatives of the TCEQ, EPA, or any local air pollution control program having jurisdiction:
  - A. Monthly and 12-month total of firing rates as required by Special Condition No. 2.
  - B. Hourly heater stack exhaust temperature measurements and rolling 12-month averages of the hourly measurements as required by Special Condition Nos. 4 and 5.
  - C. Records of temperature monitoring device maintenance and replacement including date.
  - D. Hourly flow measurements and monthly and rolling 12-month totals of the hourly measurements as required by Special Condition No. 6.
  - E. Monthly records of fuel analyses required by Special Condition No. 6.C.
  - F. Records of fugitive component monitoring required by Special Condition No. 7.
12. Permit holders must keep records sufficient to demonstrate compliance with 30 Texas Administrative Code § 116.164. If construction, a physical change or a change in method of operation results in Prevention of Significant Deterioration (PSD) review for criteria pollutants, records shall be sufficient to demonstrate the amount of emissions of GHGs from the source as a result of construction, a physical change or a change in method of operation does not require authorization under 30 TAC §116.164(a). If there is construction, a physical change or change in the method of operation that will result in a net emissions increase of 75,000 tpy or more CO<sub>2</sub>e and PSD review is triggered for criteria pollutants, greenhouse gas emissions are subject to PSD review. **(1/20)**

Date: January 10, 2020

**Appendix A**  
Work Practices  
Permit Number GHGPSDTX161M1

EPN	Work Practice	Minimum Frequency
70STK_001, 71STK_001, 71STK_002, 72STK_001, 72STK_002, 56STK_025, 56STK_026	Inspect and tune burners and conduct a visual inspection of the heater components	Annual
70STK_001, 71STK_001, 71STK_002, 72STK_001, 72STK_002, 56STK_025, 56STK_026	Perform preventative maintenance	As required

Date: January 10, 2020

# Emission Sources - Maximum Allowable Emission Rates

Flexible Permit Numbers  
49138; and

PSDTX1506M1, PSDTX768M2, PSDTX799M1, PSDTX802M1, PSDTX932M1, and PSDTX992M2

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

## Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
See Attachment D	See Attachment D	Final VOC MSS Cap	1427.29	99.07
		Final VOC Flex Cap	5156.31	4153.12
See Attachment D	See Attachment D	Final NO <sub>x</sub> Emission Cap	948.18	34.97
		Final NO <sub>x</sub> Flex Cap	1028.46	1460.48
See Attachment D	See Attachment D	Final CO MSS Cap (8)	55926.75	37.70
		Final CO Flex Cap	3919.77	7564.64
See Attachment D	See Attachment D	Final SO <sub>2</sub> MSS Cap	60.48	3.21
		Final SO <sub>2</sub> Flex Cap	15649.92	2160.43
See Attachment D	See Attachment D	Final PM <sub>2.5</sub> / PM <sub>10</sub> MSS Cap(5)	28.42	6.23
		Final PM <sub>2.5</sub> / PM <sub>10</sub> Flex Cap(5)	824.76	1482.26
See Attachment D	See Attachment D	Final PM MSS Cap	28.42	6.23
		Final PM Flex Cap	1020.67	1916.17
See Attachment D	See Attachment D	Final H <sub>2</sub> S MSS Cap	3.03	0.70
		Final H <sub>2</sub> S Flex Cap	157.03	15.61
See Attachment D	See Attachment D	Final H <sub>2</sub> SO <sub>4</sub> MSS Cap	0.92	0.31
		Final H <sub>2</sub> SO <sub>4</sub> Flex Cap	119.95	304.97
See Attachment D	See Attachment D	Final NH <sub>3</sub> MSS Cap	663.78	1.10
		Final NH <sub>3</sub> Flex Cap	115.53	367.97
04STK_001	Coker East Heater (B-101-B)	NO <sub>x</sub>	9.80	31.10

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
04STK_002	Coker Middle Heater (B-101-A)	NO <sub>x</sub>	9.80	32.32
04STK_003	Coker West Heater (B-101-C)	NO <sub>x</sub>	9.80	30.22
04STK_004	Coker Far West Heater(BA-3000)	NO <sub>x</sub>	13.50	38.79
05STK_001	CUB Atmospheric Heater (H-3101)	NO <sub>x</sub>	94.32	344.27
05STK_002	CUB South Vacuum Heater (H-3102)	NO <sub>x</sub>	17.90	62.50
05STK_004	CUB North Vacuum Heater (H-2001)	NO <sub>x</sub>	14.40	50.60
06STK_002	FCC Feed Preheater Heater (B-2)	NO <sub>x</sub>	20.15	88.27
06STK_003	FCCU Scrubber Stack	HCN	18.19	77.27
08STK_003	GP5E Propane Dryer Heater	NO <sub>x</sub>	0.14	0.62
15STK_001	CHD1 Charge Heater (B-1)	NO <sub>x</sub>	16.65	47.04
20STK_001	HDC1st Stage West Heater (H-3301)	NO <sub>x</sub>	1.55	6.05
20STK_002	HDC 1st Stage East Heater (H-3302)	NO <sub>x</sub>	3.00	12.10
20STK_003	HDC 2nd Stage Heater (H-3303)	NO <sub>x</sub>	3.00	12.10
20STK_004	HDC Stabilizer Heater (H-3304)	NO <sub>x</sub>	11.76	49.93
20STK_005	HDC Splitter Heater (H-3305)	NO <sub>x</sub>	8.02	19.15
21STK_001	SAM Methanator Heater	NO <sub>x</sub>	0.32	0.89
25STK_001	Isom Pretreater Charge Heater (B-1)	NO <sub>x</sub>	5.10	17.08
25STK_003	Isom Reactor Charge Heater (B-401)	NO <sub>x</sub>	2.50	7.88
25STK_004	Isom Regeneration Heater (B-402)	NO <sub>x</sub>	0.40	1.75

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
27STK_001	PTR3 Pretreater Heater (H-3401)	NO <sub>x</sub>	11.04	48.36
27STK_002	PTR3 Stripper Reboiler (H-3402)	NO <sub>x</sub>	8.36	36.62
27STK_003	PTR3 Reformer Heater (H-3403,4,5,6)	NO <sub>x</sub>	77.40	211.03
27STK_004	PTR3 Debutanizer Reboiler(H-3408)	NO <sub>x</sub>	5.40	21.02
28STK_001	PTR4 Pretreater Charge (B-7001)	NO <sub>x</sub>	12.00	42.05
28STK_001	PTR4 Depent Reboiler (B-7002)	NO <sub>x</sub>	13.08	55.45
28STK_003	PTR4 Reformer Heater (B-7101-4)	NO <sub>x</sub>	105.16	326.14
28STK_003	PTR4 Debutanizer Reboiler (B-7201)	NO <sub>x</sub>	4.90	17.30
36STK_002e, 36STK_002w, 36STK_002i	CUA Atmospheric Heater B1-A	NO <sub>x</sub>	25.29	100.74
36STK_004e, 36STK_004w, 36STK_004i	CUA Atmospheric Heater B1-B	NO <sub>x</sub>	25.29	100.74
36STK_006	CUA Vacuum Heater B-2	NO <sub>x</sub>	5.70	24.97
36STK_007	CUA Vacuum Heater B-3	NO <sub>x</sub>	5.70	23.65
38STK_001	Furf 1 Extract Heater B-1	NO <sub>x</sub>	3.40	12.70
38STK_001	Furf 1 Extract Heater B-2	NO <sub>x</sub>	(6)	(6)
38STK_002	Furf 1 Extract Heater B2-A	NO <sub>x</sub>	2.50	9.37
39STK_001	Furf 2 Extract Heater BA-1	NO <sub>x</sub>	6.83	27.47
39STK_001	Furf 2 Extract Heater BA-2	NO <sub>x</sub>	(7)	(7)
39STK_002	Furf 2 Extract Heater B-103	NO <sub>x</sub>	1.50	5.87

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
40STK_001	HDF Lube Oil Heater (10-B-1)	NO <sub>x</sub>	0.64	2.80
40STK_002	HDF Paraffin Wax Heater (20-B-1)	NO <sub>x</sub>	0.51	2.21
47ENG_225	SIB Engine 225	NO <sub>x</sub>	0.51	2.25
47ENG_226	SIB Engine 226	NO <sub>x</sub>	0.51	2.25
47ENG_227	SIB Engine 227	NO <sub>x</sub>	0.51	2.25
47ENG_228	SIB Engine 228	NO <sub>x</sub>	0.51	2.25
47ENG_229	SIB Engine 229	NO <sub>x</sub>	0.51	2.25
55STK_001	PP2 COGEN Turbine (24)	SO <sub>3</sub>	2.00	4.40
55FUG_001	PP2 COGEN Fugitives	VOC	0.2	0.86
		NH <sub>3</sub>	0.03	0.14
		H <sub>2</sub> S	<0.01	<0.01
57STK_033	PP3 Boiler No. 33	NO <sub>x</sub>	42.78	187.38
57STK_034	PP3 Boiler No. 34	NO <sub>x</sub>	42.78	187.38
65STK_001	Cold Box Reactivation Heater	NO <sub>x</sub>	0.23	0.89
27FUG_001	PTR3 Fugitive Area	Cl <sub>2</sub>	0.11	0.50
27VNT_001	Regenerator Vent	HCl	0.56	3.05
		HCl (During Scrubber Maintenance)	3.29	-
28FUG_001	PTR4 Fugitive Area	Cl <sub>2</sub>	0.10	0.44
28VNT_001	PTR4 Reactor Regeneration Vent	Cl <sub>2</sub>	0.40	1.90
		HCl	0.03	0.10
32VNT_002	SRU2/3 No. 2 Vent (Maintenance)	CS <sub>2</sub>	0.80	
		COS	7.70	



Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
32VNT_003	SRU2/3 No. 3 Vent (Maintenance)	CS <sub>2</sub>	0.80	
		COS	7.70	
32VNT_002 32VNT_003	SRU2/3 No. 2 and No. 3 Vent (Maintenance)	CS <sub>2</sub>	-	0.13
		COS	-	1.79

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 CO - carbon monoxide  
 SO<sub>2</sub> - sulfur dioxide  
 PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>  
 PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter, condensable and noncondensable. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.  
 PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter, condensable and noncondensable. Where PM is not listed, it shall be assumed that no PM greater than 2.5 microns is emitted.  
 H<sub>2</sub>S - hydrogen sulfide  
 H<sub>2</sub>SO<sub>4</sub> - sulfuric acid mist  
 NH<sub>3</sub> - ammonia  
 SO<sub>3</sub> - sulfur trioxide  
 Cl<sub>2</sub> - chlorine  
 HCl - hydrogen chloride  
 CS<sub>2</sub> - carbon disulfide  
 COS - carbonylsulfide  
 HCN - hydrogen cyanide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) PM<sub>2.5</sub> may be up to 100 percent of PM<sub>10</sub>
- (6) Emissions are emitted from the two heaters are emitted from the same stack.
- (7) Emissions are emitted from the two heaters are emitted from the same stack.
- (8) Annual emissions associated with FCCU Startup without the CO Boiler in operation are represented under the normal emission rate limit (Final CO Flex Cap).

Date: January 9, 2018

# Emission Sources - Maximum Allowable Emission Rates

Permit Number GHGPSDTX161M1

This table lists the maximum allowable emission rates of greenhouse gas (GHG) emissions, as defined in Title 30 Texas Administrative Code § 101.1, for all sources of GHG air contaminants on the applicant's property that are authorized by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities authorized by this permit.

## Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates
			TPY (4)
70STK_001	APS Heater F-1001	CO <sub>2</sub> (5)	255,332.24
		CH <sub>4</sub> (5)	18.28
		N <sub>2</sub> O (5)	3.66
		CO <sub>2</sub> e	256,878.44
71STK_001	KHDT Feed Preheater F-2001	CO <sub>2</sub> (5)	34,608.29
		CH <sub>4</sub> (5)	2.48
		N <sub>2</sub> O (5)	0.50
		CO <sub>2</sub> e	34,817.86
71STK_002	KHDT Stripper Reboiler F-2002	CO <sub>2</sub> (5)	34,608.29
		CH <sub>4</sub> (5)	2.48
		N <sub>2</sub> O (5)	0.50
		CO <sub>2</sub> e	34,817.86
72STK_001	DHDT Feed Preheater F-3001	CO <sub>2</sub> (5)	26,917.56
		CH <sub>4</sub> (5)	1.93
		N <sub>2</sub> O (5)	0.39
		CO <sub>2</sub> e	27,080.56
72STK_002	DHDT Stripper Reboiler F-3002	CO <sub>2</sub> (5)	26,917.56
		CH <sub>4</sub> (5)	1.93
		N <sub>2</sub> O (5)	0.39
		CO <sub>2</sub> e	27,080.56
60FLR_012	No. 12 Flare	CO <sub>2</sub> (5)	30,853.70
		CH <sub>4</sub> (5)	102.68
		N <sub>2</sub> O (5)	0.34
		CO <sub>2</sub> e	33,521.99
70FUG_001	CUC Fugitive Area	CH <sub>4</sub> (5)	16.27
		CO <sub>2</sub> e	406.67

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates
			TPY (4)
71FUG_001	KHDT Fugitive Area	CH <sub>4</sub> (5)	6.65
		CO <sub>2</sub> e	166.29
72FUG_001	DHDT Fugitive Area	CH <sub>4</sub> (5)	7.23
		CO <sub>2</sub> e	180.69
73FUG_001	CUC BRU Fugitive Area	CH <sub>4</sub> (5)	0.23
		CO <sub>2</sub> e	5.81
74FUG_001	Wharf No. 6 Fugitive Area	CH <sub>4</sub> (5)	0.19
		CO <sub>2</sub> e	4.75
56STK_025	Boiler 25	CO <sub>2</sub> (5)	179,274.96
		CH <sub>4</sub> (5)	12.83
		N <sub>2</sub> O (5)	2.57
		CO <sub>2</sub> e	180,360.60
56STK_026	Boiler 26	CO <sub>2</sub> (5)	179,274.96
		CH <sub>4</sub> (5)	12.83
		N <sub>2</sub> O (5)	2.57
		CO <sub>2</sub> e	180,360.60
05FUG_001(6)	Crude Unit B Fugitive Area	CH <sub>4</sub> (5)	0.12
		CO <sub>2</sub> e	2.90
08FUG_001(6)	GP5E Fugitive Area	CH <sub>4</sub> (5)	0.03
		CO <sub>2</sub> e	0.71
20FUG_001(6)	HDC Fugitive Area	CH <sub>4</sub> (5)	0.09
		CO <sub>2</sub> e	2.16
25FUG_001(6)	Isomerization Fugitive Area	CH <sub>4</sub> (5)	0.44
		CO <sub>2</sub> e	10.88
27FUG_001(6)	PTR3 Fugitive Area	CH <sub>4</sub> (5)	0.47
		CO <sub>2</sub> e	11.82
28FUG_001(6)	PTR4 Fugitive Area	CH <sub>4</sub> (5)	0.01
		CO <sub>2</sub> e	0.24
48FUG_001(6)	Ethyl Fugitive Area	CH <sub>4</sub> (5)	0.02
		CO <sub>2</sub> e	0.59

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates
			TPY (4)
49FUG_001(6)	North Tank Fugitive Area	CH <sub>4</sub> (5)	0.02
		CO <sub>2</sub> e	0.59
50FUG_001(6)	South Tanks Fugitive Area	CH <sub>4</sub> (5)	0.46
		CO <sub>2</sub> e	11.41
56FUG_001(6)	Power Plant No.2 Fugitive Area	CH <sub>4</sub> (5)	2.13
		CO <sub>2</sub> e	53.34
60FUG_003(6)	Nos. 6, 7, and 10 Flare Fugitive Area	CH <sub>4</sub> (5)	0.22
		CO <sub>2</sub> e	5.59

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.  
(2) Specific point source name. For fugitive sources, use area name or fugitive source name.  
(3) CO<sub>2</sub> - carbon dioxide  
N<sub>2</sub>O - nitrous oxide  
CH<sub>4</sub> - methane  
CO<sub>2</sub>e - carbon dioxide equivalents based on the following Global Warming Potentials (GWP) found in Table A-1 of Subpart A 40 CFR Part 98 (78 FR 71904) for each pollutant: CO<sub>2</sub> (1), N<sub>2</sub>O (298), CH<sub>4</sub>(25)  
(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. These rates include emissions from maintenance, startup, and shutdown.  
(5) Emission rate is given for informational purposes only and does not constitute enforceable limit.  
(6) Only the new fugitive components that were added with Project No. 303824 are subject to GHGPSDTX161M1 and are included in the Maximum Allowable Emission Rate. Fugitive emission rates are estimates and are enforceable through compliance with the applicable special conditions and permit application representations.

Date: January 10, 2020