

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 1)**

**Federal Operating Permit Program**

**Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Facility Type	Construction/Modification Date	Facility Covered by 40 CFR Part 60, Subparts VV or GGG	Title 40 CFR Compressors	Part 60, Subpart KKK Reciprocating Compressor in Wet Gas Service	AMEL	Fugitives Unit AMEL ID No.	Components Complying with § 60.482-3

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart KKK Fugitive Unit Components (continued)					
		Any Component		Pumps			
		Vacuum Service	Non-VOC or Non-Wet Gas Service	Light Liquid Service	AMEL	AMEL ID No.	Complying with § 60.482-2

**Fugitive Emission Unit Attributes  
 Form OP-UA12 (Page 3)  
 Federal Operating Permit Program  
 Table 1c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
 Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants  
 Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit No.	SOP Index No.	Title 30 CFR Part 60, Subpart KKK Fugitive Unit Components (continued)							
		Pumps (continued)				Pressure Relief Device			
		Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 60.482-8	Gas/Vapor Service	AMEL	AMEL ID No.	Complying with § 60.482-4

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 1d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart KKK Fugitive Unit Components (continued)							
		Pressure Relief Devices (continued)				Heavy Liquid Service (continued)			
		Light Liquid Service	AMEL	AMEL ID No.	Complying with § 60.482-8	Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 60.482-8

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**Federal Operating Permit Program**

**Table 1e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart KKK Fugitive Unit Components (continued)							
		Open-ended Valves or Lines	AMEL	AMEL ID No.	Complying with § 60.482-6	Flanges and Other Connectors	AMEL	AMEL ID No.	Complying with § 60.482-8

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 1f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart KKK Fugitive Unit Components (continued)								
		Valves								
		2% Valves Leaking	Gas/Vapor Service	AMEL	AMEL ID No.	Complying with § 60.482-7	Light Liquid Service	AMEL	AMEL ID No.	Complying with § 60.482-7

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**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 1g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**  
**Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No	Title 40		CFR Part 60,	Subpart	KKK	Fugitive	Unit	Components (continued)	
		Valves		(continued)		Control Devices used to comply with AMEL	Closed Vent	Systems and	Control	Devices
		Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 60.482-8					

**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 1h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart KKK Fugitive Unit Components (continued)					
		Closed Vent Systems and Control		Devices		(continued)	
		Vapor Recovery System	Control Device ID No.	Complying with § 60.482-10	Enclosed Combustion Device	Control Device ID No.	Complying with § 60.482-10



**Fugitive Emission Unit Attributes  
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Federal Operating Permit Program**

**Table 1i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart KKK Fugitive Unit Components (continued)		
		Control Device(s) and Closed Vent Systems (continued)		Control Device ID No.
		Closed-Vent Systems	Complying with § 60.482-10	

**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 1j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart KKK Fugitive Unit Description

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**

**Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone  
Nonattainment Areas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 30 TAC § 115.352 Applicable	< 250 Components at Site	Weight Percent VOC	Reciprocating Compressors or Positive Displacement Pumps

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 2b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**

**Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone  
Nonattainment Areas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Rupture Disks	Instrumentation Systems	Sampling Connection Systems	TVP ≤ 0.002 psia

**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 2c: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**

**Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352		ACR ID No.	Fugitive Unit	Components
		Process Drains	ACR		Complying with § 115.352(1)	TVP of Process Fluid VOC $\leq$ 0.044 psia at 68°F

**Fugitive Emission Unit Attributes**

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**Table 2d: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**

**Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone  
Nonattainment Areas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352		Fugitive Unit	Components (continued)		
		Pressure Relief Valves	ACR	ACR ID No.	Complying with §115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68° F	TVP of Process Fluid VOC > 0.044 psia at 68° F

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 15)**

**Federal Operating Permit Program**

**Table 2e: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**

**Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone  
Nonattainment Areas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352 Fugitive Unit Components (continued)					
		Open-ended Valves and Lines	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 16)**

**Federal Operating Permit Program**

**Table 2f: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**

**Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone  
Nonattainment Areas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352		Fugitive Unit	Components (continued)		
		Valves (other than pressure relief and open-ended)	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F



**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 2g: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**

**Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone  
Nonattainment Areas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC		§ 115.352	Fugitive Unit	Components (continued)	
		Flanges	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 2h: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing,  
and Petrochemical Processes in Ozone Nonattainment Areas  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC		§ 115.352	Fugitive Unit	Components (continued)	
		Agitators	ACR	ACR ID No.	Complying with § 115.352(1)	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 2i: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**

**Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone  
Nonattainment Areas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352				Fugitive Unit Components (continued)			
		Compressor Seals	ACR	ACR ID No.	Complying with § 115.352(1)	Hydrogen Content to Exceed 50% by Volume	Shaft Seal System	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F	TVP of Process Fluid VOC > 0.044 psia at 68°F

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**Fugitive Emission Unit Attributes  
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Federal Operating Permit Program  
Table 2j: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing,  
and Petrochemical Processes in Ozone Nonattainment Areas  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC § 115.352			Fugitive Unit	Components (continued)	
		Pump Seals	ACR	ACR ID No.	Complying with § 115.352(1)	Shaft Seal System	TVP of Process Fluid VOC ≤ 0.044 psia at 68°F

**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 2k: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**

**Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Components Utilizing Alternative Work Practice in § 115.358	Title 30 TAC § 115.358 Fugitive Unit Description

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 22)**  
**Federal Operating Permit Program**  
**Table 3a: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)**  
**Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V		Fugitive Unit	Component		Complying with § 61.242-2
		Any Component		Pumps	AMEL	AMEL ID No.	
		Vacuum Service	VHAP Service				

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 3b: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)**  
**Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61,		Subpart V Fugitive Unit	Components (continued)
		Compressors	AMEL	AMEL ID No.	Complying with § 61.242-3

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 24)**  
**Federal Operating Permit Program**  
**Table 3c: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)**  
**Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Components (continued)							
		Pressure Relief Device				Pressure Relief Device			
		Gas/Vapor Service	AMEL	AMEL ID No.	Complying with § 61.242-4	Liquid Service	AMEL	AMEL ID No.	Complying with § 61.242-8



**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 3d: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)**  
**Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Components (continued)							
		Sampling Connection Systems	AMEL	AMEL ID No.	Complying with § 61.242-5	Open-ended Valves or Lines	AMEL	AMEL ID No.	Complying with § 61.242-6

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 26)**  
**Federal Operating Permit Program**  
**Table 3e: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)**  
**Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Components (continued)							
		Valves	AMEL	AMEL ID No.	Complying with § 61.242-7	Flanges and Other Connectors	AMEL	AMEL ID No.	Complying with § 61.242-8

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 27)**  
**Federal Operating Permit Program**  
**Table 3f: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)**  
**Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Components (continued)			
		Product Accumulator Vessels	AMEL	AMEL ID No.	Complying with § 61.242-9

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 3g: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)**  
**Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices				
		Vapor Recovery System	AMEL	AMEL ID No.	Control Device ID No.	Complying with § 61.242-11(b)

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 3h: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)**  
**Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices				
		Enclosed Combustion Device	AMEL	AMEL ID No.	Complying with § 61.242-11(c)	Control Device ID No.

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 30)**  
**Federal Operating Permit Program**  
**Table 3i: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)**  
**Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices (continued)				
		Flare	AMEL	AMEL ID No.	Complying with § 61.242-11(d)	Control Device ID No.

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 3j: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)**  
**Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 61, Subpart V Fugitive Unit Components (continued)			
		Closed-Vent Systems and		Control Devices	(continued)
		AMEL	AMEL ID No.	Complying with § 61.242-11(f)(1)	Title 40 CFR Part 61, Subpart V Fugitive Unit Description

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which  
Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Produces Chemicals	Affected Facility	Construction/ Modification Date	Compliance Option	Design Capacity	Produces Heavy Liquid Chemicals	Beverage Alcohol Production



**Texas Commission on Environmental Quality  
Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 33)  
Federal Operating Permit Program**

**Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components						
		Any Component			Pumps			
		Equipment in VOC Service	Vacuum Service	VOC Service	Light Liquid Service	EEL	EEL ID No.	Complying with § 60.482-2

Fugitive Emission Unit Attributes

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Federal Operating Permit Program

Table 4c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)				
		Compressor				
		Compressor	EEL	EEL ID No.	Complying with 60.482-3	Pressure Relief Devices in Gas/Vapor Service

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 4d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)							
		Sampling Connection		System		Valves			
		EEL	EEL ID No.	Complying with 60.482-5	Open-Ended	EEL	EEL ID No.	Complying with 60.482-6	

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 4e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)				
		Values (continued)				
		Gas/Vapor or Light Liquid Service	2.0%	EEL	EEL ID No.	Complying with 60.482-7

**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 4f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)							
		Pumps				Valves			
		Heavy Liquid Service	EEL	EEL ID No.	Complying with 60.482-8	Heavy Liquid Service	EEL	EEL ID No.	Complying with 60.482-8

**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 4g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)							
		Pressure Relief Devices				Connectors			
		Heavy Liquid Service	EEL	EEL ID No.	Complying with 60.482-8	Flanges and Other Connectors	EEL	EEL ID No.	Complying with 60.482-8

**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 4h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)				
		Closed Vent Systems and Control Devices				
		Vapor Recovery System	EEL	EEL ID No.	Complying with 60.482-10	Control Device ID.

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 4i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)				
		Closed Vent Systems and Control Devices (continued)				
		Enclosed Combustion Device	EEL	EEL ID No.	Complying with 60.482-10	Control Device ID.



**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 41)  
Federal Operating Permit Program**

**Table 4j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which  
Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)				
		Closed Vent System and Control Device				
		Flare	EEL	EEL ID No.	Complying with 60.482-10	Control Device ID.

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 42)  
Federal Operating Permit Program**

**Table 4k: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which  
Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)			
		Closed Vent System and		Control Devices	
		CVS(or Vapor Collection System)	EEL	EEL ID No.	Complying with 60.482-10

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**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 4I: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VV Fugitive Unit Components (continued)
		Title 40 CFR Part 60, Subpart VV Fugitive Unit Description

**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Manufactured Product	Continuous Process	Construction/Modification Date	VOC Service	Design Capacity	Equipment in Vacuum Service	VOC Service Less Than 300 Hours

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart DDD Fugitive Unit Components							
		Pumps							
		Light Liquid Service	EEL	EEL ID No.	Complying with § 60.482-2	Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 46)**

**Federal Operating Permit Program**

**Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart DDD Fugitive Unit Components (continued)							
		Flanges and Other Connectors	EEL	EEL ID No.	Complying with § 60.482-8	Compressors	EEL	EEL ID No.	Complying with § 60.482-3

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 5d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart DDD Fugitive Unit Components								
		Pressure Relief Devices		EEL	EEL ID No.	Complying with § 60.482-8	Sampling Connection Systems	EEL	EEL ID No.	Complying with § 60.482-5
		Gas/Vapor Service	Light Liquid or Heavy Liquid Service							

**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 5e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart DDD Fugitive Unit Components (continued)								
		Valves								
		Gas/Vapor or Light Liquid Service	2.0%	EEL	EEL ID No.	Complying with § 60.482-7	Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8



**Fugitive Emission Unit Attributes  
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Federal Operating Permit Program**

**Table 5f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No	SOP Index No.	Title 40 CFR Part 60, Subpart DDD Fugitive Unit Components (continued)							
		Open-ended Valves or Lines	EEL	EEL ID No.	Complying with § 60.482-6	Closed-Vent (or Vapor Collection) Systems	EEL	EEL ID No.	Complying with § 60.482-10

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**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 5g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart DDD Fugitive Unit Components (continued)									
		Vapor Recovery System	EEL	EEL ID No.	Complying with § 60.482-10	Control Device ID No.	Enclosed Combustion Device	EEL	EEL ID No.	Complying with § 60.482-10	Control Device ID No.

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 5h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No	SOP Index No.	Title 40 CFR Part 60, Subpart DDD		Fugitive Unit	Components (continued)		Title 40 CFR Part 60, Subpart DDD Fugitive Unit Description
		Flare	BEEL	BEEL ID No.	Complying with § 60.482-10	Control Device ID No.	

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**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 6: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)**  
**Subpart J: National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Design Capacity	Any Component in Benzene Service	AMEL	AMEL ID No.

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 53)**  
**Federal Operating Permit Program**  
**Table 7a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter D: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	VOC Weight Percent	2-Inch Valves	Title 30 TAC § 115.322 Fugitive Unit Description

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 7b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**

**Subchapter D: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 30 TAC § 115.322 Fugitive Unit Components				
		Pump Seals	ACR	ACR ID No.	Complying with § 115.327(3) and § 115.322(1)	Remaining Components Complying with § 115.322(1)

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 55)**  
**Federal Operating Permit Program**  
**Table 7c: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter D: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 30 TAC§ 115.322 Fugitive Unit Components (continued)									
		Valves		(Other Than		Elevated or		Pressure		Relief Valves)	
		Gaseous VOC Service	ACR	ACR ID No.	Complying with § 115.327(5) and § 115.322(1)	Remaining Components Complying with § 115.322(1)	Liquid VOC Service	ACR	ACR ID No.	Complying with § 115.327(3) or (5) and § 115.322(1)	Remaining Components Complying with § 115.322(1)

**Fugitive Emission Unit Attributes  
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Federal Operating Permit Program**

**Table 7d: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter D: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 30 TAC § 115.322 Fugitive Unit Components (continued)									
		Process Drains	ACR	ACR ID No.	Complying with § 115.327(3) and § 115.322(1)	Remaining Components Complying with § 115.322(1)	Compressor Seals	ACR	ACR ID No.	Complying with § 115.327(3) or (6) and § 115.322(1)	Remaining Components Complying with § 115.322(1)



**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 7e: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**

**Subchapter D: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC § 115.322 Fugitive Unit Components (continued)									
		Elevated Valves	ACR	ACR ID No.	Complying with § 115.327(3) or (5) and § 115.322(1)	Remaining Components Complying with § 115.322(1)	Pressure Relief Valve in Gaseous VOC Service	ACR	ACR ID No.	Complying with § 115.327(3) or (5) and § 115.322(1)	Remaining Components Complying with § 115.322(1)

**Fugitive Emission Unit Attributes  
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Federal Operating Permit Program**

**Table 7f: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter D: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC § 115.322 Fugitive Unit Components (continued)					
		Connectors	ACR	ACR ID No.	Complying with § 115.327(3) and § 115.322(1)	Remaining Components Complying with § 115.322(1)	Components Complying with § 115.358

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 8a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/Modification Date	Affected Facility Covered by 40 CFR 60 Subparts VV or KKK

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 8b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components								
		Vacuum Service	Pumps							
			Light Liquid Service	EEL	EEL ID No.	Complying with § 60.482-2	Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8

**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 8c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)					
		Compressors					
Any Compressors	Compressors in Hydrogen Service	Reciprocating Compressors that became an affected facility under § 60.14 or § 60.15	EEL	EEL ID No.	Complying with § 60.482-3		

**Fugitive Emission Unit Attributes**

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**Table 8d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)								
		Pressure			Relief		Devices			Complying with § 60.482-8
		Gas/Vapor Service	Light Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8	Heavy Liquid Service	EEL	EEL ID No.	

**Fugitive Emission Unit Attributes  
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**Table 8e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

		Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)								
Unit ID No.	SOP Index No.	Sampling	Connection	Systems	Complying with § 60.482-5	Any Open-ended Valves or Lines	Open-ended Valves or Lines Containing Asphalt	Valves or EEL	Lines EEL ID No.	Complying with § 60.482-6
		Any Sampling Connection Systems	EEL	EEL ID No.		Any Open-ended Valves or Lines	Valves or Lines Containing Asphalt	EEL	EEL ID No.	Complying with § 60.482-6

**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 8f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)						
		Valves						
		Gas/Vapor or Light Liquid Service	Compliance with § 60.483-1	Compliance with § 60.483-2	Leakless Phase III Valves	EEL	EEL ID No.	Complying with § 60.482-7



**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 8g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)							
		Valves (continued)				Connectors			
		Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8	Flanges and Other Connectors	EEL	EEL ID No.	Complying with § 60.482-8

**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 8h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices				
		Vapor Recovery System	EEL	EEL ID No.	Complying with § 60.482-10	Control Device ID No.

**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 8i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)				
		Closed-Vent Systems		and Control Devices		(continued)
		Enclosed Combustion Device	EEL	EEL ID No.	Complying with § 60.482-10	Control Device ID No.

**Fugitive Emission Unit Attributes  
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Federal Operating Permit Program**

**Table 8j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices		(continued)		
		Flare	EEL	EEL ID No.	Complying with § 60.482-10	Control Device ID No.

**Fugitive Emission Unit Attributes  
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**Table 8k: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after January 4, 1983, and on or Before November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGG Fugitive Unit Components (continued)				Title 40 CFR Part 60, Subpart GGG Fugitive Unit Description
		Closed-Vent (or Vapor Collection) Systems	EEL	EEL ID No.	Complying with § 60.482-10	

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 9a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Equipment Type	Non Research and Development/Batch Processes	Vacuum Service	Less Than 300 Operating Hours	Heavy Liquid Service	AMEL

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 9b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Enclosed-Vented Process Unit AMEL	Heavy Liquid Service	Batch Process AMEL	Pressure Test	Heavy Liquid Service	General AMEL	AMEL ID No.	Heavy Liquid Service	Units Without An AMEL

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 9c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart H Fugitive Unit Components								
		Pumps			Compressors	Pressure	Relief	Devices	Sampling	Connection Systems
		Light Liquid Service	Heavy Liquid Service	QIP	Any	Gas/Vapor Service	Liquid Service	Heavy Liquid Service	Any	Heavy Liquid Service



**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 9d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Part 63, Subpart H Fugitive Unit Components						
		Open-Ended	Valves or Lines	Valves			Connectors	
		Any	Heavy Liquid Service	Gas/Vapor or Light Liquid Service	Heavy Liquid Service	QIP	Gas/Vapor or Light Liquid Service	Heavy Liquid Service

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 9e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart H Fugitive Unit Components					
		Agitators		Instrumentation	Systems	Surge Control	Vessels or Bottom Receivers
		Gas/Vapor or Light Liquid Service	Heavy Liquid Service	Any	Heavy Liquid Service	Any	Heavy Liquid Service

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 9f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart H Fugitive Unit Components						
		Closed-Vent		System				
		Any	Recovery or Recapture Devices	Control Device ID No.	Enclosed Combustion Devices	Control Device ID No.	Flares	Control Device ID No.

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 9g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Bypass Lines	Unsafe To Inspect	Difficult To Inspect	Employee Number	Title 40 CFR Part 63, Subpart H Fugitive Unit Description

**Fugitive Emission Unit Attributes**

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**Table 10: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart I: National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks**

**Texas Commission on Environmental Quality**

<b>Date</b>	<b>Permit No.</b>	<b>Regulated Entity No.</b>

<b>Unit ID No</b>	<b>SOP Index No.</b>	<b>Process Type</b>	<b>Designated HAPs</b>	<b>AMEL</b>	<b>AMEL ID No.</b>

**Fugitive Emission Unit Attributes  
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 Federal Operating Permit Program  
 Table 11a: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)  
 Subpart F: National Emission Standard for Vinyl Chloride  
 Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 61 Subpart F Fugitive Unit Components								
		Relief Valves	Loading and Unloading	Slip Gauges	Pumps				Compressors	
					In process Wastewater Streams	Rotating Pumps	Reciprocating Pumps	Rotating Compressors	Reciprocating Compressors	

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 11b: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)**  
**Subpart F: National Emission Standard for Vinyl Chloride**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR	Part 61	Subpart F	Fugitive Unit	Components			
		Agitator	Sampling Equipment	Valves	Approved Leak Detection Plan	Open-ended Valves or Lines	Multiple Process Service Line	Flare	Control Device ID No.

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 80)**  
**Federal Operating Permit Program**  
**Table 11c: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)**  
**Subpart F: National Emission Standard for Vinyl Chloride**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR	Part 61 Subpart	F Fugitive Unit	Components	Title 40 CFR Part 61, Subpart F Fugitive Unit Description
		Enclosed Combustion Device	Control Device ID No.	Vapor Recovery System	Control Device ID No.	



**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 81)**

**Federal Operating Permit Program**

**Table 12a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Existing Source	Complying With Title 40 CFR Part 60, Subpart VV	AMEL

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 82)**  
**Federal Operating Permit Program**  
**Table 12b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**  
**Texas Commission on Environmental Quality**

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Enclosed-Vented Process Unit AMEL	Heavy Liquid Service	General AMEL	Heavy Liquid Service	AMEL ID No.	Units Without An AMEL

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 83)**  
**Federal Operating Permit Program**  
**Table 12c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	CC Fugitive	Unit	Components	Complying	With MACT H	
		Pumps	Non-Reciprocating Pumps	Compressors		Pressure Relief	Devices	Sampling	Connection Systems
		Light Liquid Service	Heavy Liquid Service	Hydrogen Service	Not in Hydrogen Service	Gas/Vapor Service	Liquid Service	Any	Heavy Liquid Service

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 84)**  
**Federal Operating Permit Program**  
**Table 12d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart CC Fugitive Unit Components Complying With MACT H										
		Open-Ended	Valves or Lines	Valves				Connectors				
		Any	Heavy Liquid Service	Gas/Vapor or Light Liquid Service	Monitoring Connectors	Leakless Phase III Valves	Heavy Liquid Service	Gas/Vapor or Light Liquid Service	Monitoring Valves	Subpart H Program	Random 200	Heavy Liquid Service

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 85)**  
**Federal Operating Permit Program**  
**Table 12e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Instrumentation Systems	Subpart CC Fugitive Heavy Liquid Service	Unit Components Closed-Vent	Complying With Systems	MACT H Control Device ID No.
		Any		Any	Recovery or Recapture Devices	

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 86)**  
**Federal Operating Permit Program**  
**Table 12f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	CC Fugitive	Unit	Components	Complying With	MACT H
		Closed Vent		Systems		Bypass Lines	Unsafe to Inspect	Difficult to Inspect
		Enclosed Combustion Devices	Control Device ID No.	Flares	Control Device ID No.			

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 87)**

**Federal Operating Permit Program**

**Table 12g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart CC Fugitive Unit Components Complying With NSPS VV								
		Any	Pumps							
		Vacuum Service	Light Liquid Service	EEL	EEL ID No.	Complying with § 60.482-2	Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 88)**  
**Federal Operating Permit Program**  
**Table 12h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index NO.	Title 40 CFR Part63,	Subpart CC Fugitive	Unit Components	Complying With	NSPS VV
		Compressors				
		Hydrogen Service	Not in Hydrogen Service	EEL	EEL ID No.	Complying with § 60.482-3





**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 90)**  
**Federal Operating Permit Program**  
**Table 12j: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR	Part 63,	Subpart CC	Fugitive Unit	Components	Complying	With NSPS	VV	
		Pressure Relief	Devices	(continued)			Sampling Connection Systems	EEL	EEL ID No.	Complying with § 60.482-5
		Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8					



**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 92)**

**Federal Operating Permit Program**

**Table 12I: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63,		Subpart CC	Fugitive Unit	Components	Complying	With NSPS	VV
		Valves		(continued)	Complying with § 60.482-8	Flanges and Other Connectors	EEL	EEL ID No.	Complying with § 60.482-8
		Heavy Liquid Service	EEL	EEL ID No.					



**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 94)**  
**Federal Operating Permit Program**  
**Table 12n: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart CC Fugitive Unit Components				Complying With	NSPS VV
		Closed-Vent Systems and Control Devices				(continued)	
		Enclosed Combustion Device	EEL	EEL ID No.	Complying with § 60.482-10	Control Device ID No.	

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 95)**  
**Federal Operating Permit Program**  
**Table 12o: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part	63, Subpart CC	Fugitive Unit	Components	Complying With	NSPS VV	
		Closed-Vent	System and	Control Devices	(continued)			
		Flare	Control Device ID No.	Closed Vent (or Vapor Collection) Systems	EEL	EEL ID No.	Complying with § 60.482-10	

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 96)**  
**Federal Operating Permit Program**  
**Table 12p: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart CC Fugitive Unit Components									
		Pressure		Relief	Devices in		Gas/Vapor	Service			
		Routing to Control	§63.684(j)(5) Exemptions	Pilot-Operated PRD	Balanced Bellows PRD	Control Device Type	Control Device ID No.	Alternate Parameter Monitoring	Continuous Operating Parameter Alternative	Alternate ID No.	Automated Data Recording



**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 97)**  
**Federal Operating Permit Program**  
**Table 12q: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart CC Fugitive Unit Description								Title 40 CFR Part 63, Subpart CC Fugitive Unit Description
		Pressure	Relief	Devices in	Liquid	Service	(MACT H)	or Light Liquid	Service (NSPS VV)	
		§63.684(j)(5) Exemptions	Routing to Control	Control Device Type	Control Device ID No.	Alternate Parameter Monitoring	Continuous Operating Parameter Alternative	Alternate ID No.	Automated Data Recording	

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 98)**

**Federal Operating Permit Program**

**Table 13a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart HH: National Emission Standard for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	AMEL	AMEL ID No.	Subject to Another Regulation	VHAP Weight Percent	< 300 Operating Hours	Vacuum Service	Sampling Connection Systems

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 99)**

**Federal Operating Permit Program**

**Table 13b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart HH: National Emission Standard for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components				
		Pumps	Design Capacity < 283,000	AMEL	AMEL ID No.	Complying with § 61.242-2

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 100)**  
**Federal Operating Permit Program**  
**Table 13c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart HH: National Emission Standard for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components (continued)				
		Compressors	Reciprocating Compressor in Wet Gas Service	AMEL	AMEL ID No.	Complying with § 61.242-3

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 101)**  
**Federal Operating Permit Program**  
**Table 13d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart HH: National Emission Standard for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities**  
**Texas Commission on Environmental Quality**

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components (continued)					
		Pressure Relief Devices (In Gas/Vapor Service)	Relief Device Monitoring	Design Capacity < 283,000	AMEL	AMEL ID No.	Complying with § 61.242-4

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 102)  
Federal Operating Permit Program**

**Table 13e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart HH: National Emission Standard for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities  
Texas Commission on Environmental Quality**

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components (continued)			
		Pressure Relief Devices (In Liquid Service)	AMEL	AMEL ID No.	Complying with § 61.242-8

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 103)  
Federal Operating Permit Program**

**Table 13f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart HH: National Emission Standard for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities  
Texas Commission on Environmental Quality**

Date	Permit No.:	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Open-ended Valves or Lines	Subpart HH Fugitive Unit AMEL	Components AMEL ID No.	(continued) Complying with § 61.242-6

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**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 104)**  
**Federal Operating Permit Program**  
**Table 13g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart HH: National Emission Standard for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR	Part 63, Subpart HH	Fugitive Unit	Components	(continued)
		Valves	Design Capacity < 283,000	AMEL	AMEL ID No.	Complying with § 61.242-7



**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 13h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart HH: National Emission Standard for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components (continued)			
		Flanges and Other Connectors	AMEL	AMEL ID No.	Complying with § 61.242-8

**Fugitive Emission Unit Attributes**

**Form OP-UA12 (Page 106)**

**Federal Operating Permit Program**

**Table 13i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart HH: National Emission Standard for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components (continued)			
		Product Accumulator Vessels	AMEL	AMEL ID No.	Control Device ID No.

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 107)**  
**Federal Operating Permit Program**  
**Table 13j: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart HH: National Emission Standard for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices				
		Vapor Recovery System	AMEL	AMEL ID No.	Complying with § 61.242-11(b)	Control Device ID No

**Fugitive Emission Unit Attributes  
 Form OP-UA12 (Page 108)  
 Federal Operating Permit Program  
 Table 13k: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
 Subpart HH: National Emission Standard for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities  
 Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components (continued)				
		Closed-Vent Systems		and Control Devices (continued)		
		Enclosed Combustion Device	AMEL	AMEL ID No.	Complying with § 61.242-11(c)	Control Device ID No.

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 109)  
Federal Operating Permit Program**

**Table 13I: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart HH: National Emission Standard for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices (continued)				
		Flare	AMEL	AMEL ID No.	Complying with § 61.242-11(d)	Control Device ID No.

**Fugitive Emission Unit Attributes**

**Form OP-UA12 (Page 110)**

**Federal Operating Permit Program**

**Table 13m: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart HH: National Emission Standard for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart HH Fugitive		Unit Components	Title 40 CFR Part 63, Subpart HH Fugitive Unit Description
		Closed-Vent Systems		(continued)	
		AMEL	AMEL ID No.	Complying § 61.242 11(f)(1)	

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 111)**  
**Federal Operating Permit Program**  
**Table 14a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart U: National Emission Standard for Hazardous Air Pollutant Emissions: Group I Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Equipment Type	Vacuum Service	Enclosed-Vented Process Unit AMEL	Batch Process AMEL	Pressure Test	Heavy Liquid Service

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 112)**  
**Federal Operating Permit Program**  
**Table 14b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart U: National Emission Standard for Hazardous Air Pollutant Emissions: Group I Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Pumps in Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.163	Compressors	AMEL	AMEL ID No.	Complying with § 63.164



**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 113)**  
**Federal Operating Permit Program**  
**Table 14c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart U: National Emission Standard for Hazardous Air Pollutant Emissions: Group I Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Pressure Relief Devices in Gas/Vapor Service	AMEL	AMEL ID No.	Complying with § 63.165	Sampling Connection Systems	AMEL	AMEL ID No.	Complying with § 63.166

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**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 114)**  
**Federal Operating Permit Program**  
**Table 14d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart U: National Emission Standard for Hazardous Air Pollutant Emissions: Group I Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Open-ended Valves or Lines	AMEL	AMEL ID No.	Complying with § 63.167	Valves in Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.168

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 115)  
Federal Operating Permit Program**

**Table 14e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart U: National Emission Standard for Hazardous Air Pollutant Emissions: Group I Polymers and Resins  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Pumps in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169	Valves in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 116)**  
**Federal Operating Permit Program**  
**Table 14f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart U: National Emission Standard for Hazardous Air Pollutant Emissions: Group I Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Connectors in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169	Agitators in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 117)**

**Federal Operating Permit Program**

**Table 14g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart U: National Emission Standard for Hazardous Air Pollutant Emissions: Group I Polymers and Resins  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Instrumentation Systems	AMEL	AMEL ID No.	Complying with § 63.169	Pressure Relief Devices in Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169

**Fugitive Emission Unit Attributes  
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 Federal Operating Permit Program  
 Table 14h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
 Subpart U: National Emission Standard for Hazardous Air Pollutant Emissions: Group I Polymers and Resins  
 Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Surge Control Vessels or Bottoms Receivers	§ 63.502(b)(1)-(7) Criteria	Vapor Pressure Criteria	Compliance with § 63.119(b) or (c)	Routed to Process

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 119)**  
**Federal Operating Permit Program**  
**Table 14i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart U: National Emission Standard for Hazardous Air Pollutant Emissions: Group I Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Agitators in Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.173	Connectors in Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.174

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 120)**  
**Federal Operating Permit Program**  
**Table 14j: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart U: National Emission Standard for Hazardous Air Pollutant Emissions: Group I Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Heat Exchange Systems	Subpart Compliance	Cooling Water Monitored	Closed-Vent Systems	AMEL	AMEL ID No.	Complying with § 63.172



**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 121)**  
**Federal Operating Permit Program**  
**Table 14k: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart U: National Emission Standard for Hazardous Air Pollutant Emissions: Group I Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Recovery or Recapture Devices	AMEL	AMEL ID No.	Complying with § 63.172	Control Device ID No.

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 122)**  
**Federal Operating Permit Program**  
**Table 14I: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart U: National Emission Standard for Hazardous Air Pollutant Emissions: Group I Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Enclosed Combustion Devices	AMEL	AMEL ID No.	Complying with § 63.172	Control Device ID No.

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 123)**  
**Federal Operating Permit Program**  
**Table 14m: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart U: National Emission Standard for Hazardous Air Pollutant Emissions: Group I Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Flares	AMEL	AMEL ID No.	Complying with § 63.172	Control Device ID No.	Title 40 CFR Part 63, Subpart U Fugitive Unit Description

**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 15a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart JJJ: National Emission Standard for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Equipment Type	Product Produced	Process Type	Vacuum Service

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 125)**  
**Federal Operating Permit Program**  
**Table 15b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart JJJ: National Emission Standard for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No	SOP Index No.	Enclosed Vented Process Unit AMEL	Batch Process AMEL	Pressure Test	Heavy Liquid Service

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 126)**  
**Federal Operating Permit Program**  
**Table 15c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart JJJ: National Emission Standard for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components							
		Pumps in Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.163	Compressors	AMEL	AMEL ID No.	Complying with § 63.164

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 127)**  
**Federal Operating Permit Program**  
**Table 15d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart JJJ: National Emission Standard for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part 63, Subpart JJ Fugitive Unit Components (continued)							
		Pressure Relief Devices in Gas/Vapor Service	AMEL	AMEL ID No.	Complying with § 63.165	Sampling Connection Systems	AMEL	AMEL ID No.	Complying with § 63.166

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 128)**  
**Federal Operating Permit Program**  
**Table 15e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart JJJ: National Emission Standard for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components (continued)							
		Open-ended Valves or Lines	AMEL	AMEL ID No.	Complying with § 63.167	Valves in Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.168



**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 129)**  
**Federal Operating Permit Program**  
**Table 15f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart JJJ: National Emission Standard for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components (continued)							
		Pumps in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169	Valves in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 130)**  
**Federal Operating Permit Program**  
**Table 15g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart JJJ: National Emission Standard for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components (continued)							
		Connectors in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169	Agitators in Heavy Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 131)  
Federal Operating Permit Program  
Table 15h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart JJJ: National Emission Standard for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components (continued)							
		Instrumentation Systems	AMEL	AMEL ID No.	Complying with § 63.169	Pressure Relief Devices in Liquid Service	AMEL	AMEL ID No.	Complying with § 63.169



**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 133)**  
**Federal Operating Permit Program**  
**Table 15j: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart JJJ: National Emission Standard for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components (continued)							
		Agitators in Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.173	Connectors in Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Complying with § 63.174

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 134)**

**Federal Operating Permit Program**

**Table 15k: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**

**Subpart JJJ: National Emission Standard for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components (continued)			
		Closed-Vent System and		Control Devices	
		Closed-Vent Systems	AMEL	AMEL ID No.	Complying with § 63.172

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 135)**  
**Federal Operating Permit Program**  
**Table 15I: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart JJJ: National Emission Standard for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices				
		Recovery or Recapture Devices	AMEL	AMEL ID No.	Complying with § 63.172	Control Device ID No.

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 136)**  
**Federal Operating Permit Program**  
**Table 15m: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart JJJ: National Emission Standard for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices				
		Enclosed Combustion Devices	AMEL	AMEL ID No.	Complying with § 63.172	Control Device ID No.



**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 137)**  
**Federal Operating Permit Program**  
**Table 15n: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart JJJ: National Emission Standard for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	40 CFR Part 63, Subpart JJJ Fugitive Unit Components (continued)				Title 40 CFR Part 63, Subpart JJJ Fugitive Unit Description	
		Closed-Vent		Systems and	Control Devices		(continued)
		Flares	AMEL	AMEL ID No.	Complying with § 63.172		Control Device ID No.

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 138)**  
**Federal Operating Permit Program**  
**Table 16a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter H: Fugitive Emissions (HRVOC)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 30 TAC § 115.780 Applicable	Less Than 250 Components at Site	Weight Percent HRVOC	Title 30 TAC Chapter 115 Fugitive Unit Components		
					Pumps with Shaft Seal System	Compressors with Shaft Seal System	Agitators with Shaft Seal System

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 139)**  
**Federal Operating Permit Program**  
**Table 16b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter H: Fugitive Emissions (HRVOC)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Process Drains	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Pressure Relief Valves	ACR	ACR ID No.	Complying with § 115.781(b)(9)

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 140)**  
**Federal Operating Permit Program**  
**Table 16c: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter H: Fugitive Emissions (HRVOC)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Open-ended Valves or Lines	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Bypass Line Valves	ACR	ACR ID No.	Complying with § 115.781(b)(9)

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 141)**  
**Federal Operating Permit Program**  
**Table 16d: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter H: Fugitive Emissions (HRVOC)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Valves (other than pressure relief, open-ended, and bypass line)	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Flanges or Other Connectors	ACR	ACR ID No.	Complying with § 115.781(b)(9)

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 142)  
Federal Operating Permit Program  
Table 16e: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter H: Fugitive Emissions (HRVOC)  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Compressor Seals	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Pump Seals	ACR	ACR ID No.	Complying with § 115.781(b)(9)

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 143)**  
**Federal Operating Permit Program**  
**Table 16f: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter H: Fugitive Emissions (HRVOC)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 30 TAC Chapter 115 Fugitive Unit Components (continued)							
		Agitators	ACR	ACR ID No.	Complying with § 115.781(b)(9)	Heat Exchanger Heads, Sight Glasses, Meters, Gauges, Sampling Connections, Bolted Manways, Hatches, Sump Covers, Junction Box Vents, or Covers and Seals on VOC Water Separators	ACR	ACR ID No.	Complying with § 115.781(b)(9)

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 144)**  
**Federal Operating Permit Program**  
**Table 16g: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter H: Fugitive Emissions (HRVOC)**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Alternative Work Practice in § 115.358	Title 30 TAC § 115.358 Fugitive Unit Description



Fugitive Emission Unit Attributes

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Federal Operating Permit Program

Table 17a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry  
for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Produces Chemicals	Affected Facility	Construction/Modification Date	Compliance Option	Design Capacity	Facility Type

**Fugitive Emission Unit Attributes**

**Form OP-UA12 (Page 146)**

**Federal Operating Permit Program**

**Table 17b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry  
for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components			
		Pumps			
		Light Liquid Service	EEL	EEL ID No.	Complying with 60.482-2a

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 147)  
Federal Operating Permit Program**

**Table 17c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry  
for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Compressor				Pressure Relief Devices
		Compressor	EEL	EEL ID No.	Complying with 60.482-3a	Gas/Vapor Service

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 148)  
Federal Operating Permit Program**

**Table 17d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry  
for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part VVa Fugitive Unit Components (continued)							
		Sampling Connection	Connection	System		Valves			
		Sampling Connection	EEL	EEL ID No.	Complying with 60.482-5a	Open-Ended	EEL	EEL ID No.	Complying with 60.482-6a

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 149)**

**Federal Operating Permit Program**

**Table 17e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry  
for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Valves (continued)				
		Gas/Vapor or Light Liquid Service	2.0%	EEL	EEL ID No.	Complying with 60.482-7a

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 150)  
Federal Operating Permit Program**

**Table 17f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry  
for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)							
		Pumps				Valves			
		Heavy Liquid Service	EEL	EEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	EEL	EEL ID No.	Complying with 60.482-8a

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 151)  
Federal Operating Permit Program**

**Table 17g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry  
for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)							
		Pressure Relief Devices				Connectors			
		Heavy or Light Liquid Service	EEL	EEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	EEL	EEL ID No.	Complying with 60.482-8a

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 152)  
Federal Operating Permit Program**

**Table 17h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry  
for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices				
		Vapor Recovery System	EEL	EEL ID No.	Complying with 60.482-10a	Control Device ID.



**Fugitive Emission Unit Attributes**

**Form OP-UA12 (Page 153)**

**Federal Operating Permit Program**

**Table 17i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VVa: Standards of Performance For Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry  
for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Closed Vent		Systems and		Control Devices (continued)
		Enclosed Combustion Device	EEL	EEL ID No.	Complying With 60.482-10a	Control Device ID.

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 154)**

**Federal Operating Permit Program**

**Table 17j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry  
for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Control Devices				
		Flare	EEL	EEL ID No.	Complying with 60.482-10a	Control Device ID.

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 155)  
Federal Operating Permit Program**

**Table 17k: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry  
for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)				
		Control Devices				Connectors
		CVS	EEL	EEL ID No.	Complying with 60.482-10a	Gas/Vapor or Light Liquid Service

**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 17I: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart VVa: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry  
for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart VVa Fugitive Unit Components (continued)
		Title 40 CFR Part 60, Subpart VVa Fugitive Unit Description

**Fugitive Emission Unit Attributes  
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Federal Operating Permit Program**

**Table 18a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or  
Modification Commenced after November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Construction/Modification Date	Affected Facility Covered by 40 CFR 60 Subparts VVa or KKK



**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 18c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Components (continued)					
		Compressors					
		Any Compressors	Compressors in Hydrogen Service	Reciprocating Compressors that became an affected facility under § 60.14 or § 60.15	EEL	EEL ID No.	Complying with § 60.482-3a

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 160)  
Federal Operating Permit Program**

**Table 18d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Components (continued)								
		Sampling and Connection Systems			Open-Ended Valves or Lines			Complying with § 60.482-6a		
		Sampling Connection Systems	EEL	EEL ID No.	Open-ended Valves or Lines	Valves or Lines Containing Asphalt	EEL	EEL ID No.	EEL	EEL ID No.



**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 18e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or  
Modification Commenced after November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Components (continued)						
		Valves						
		Gas/Vapor or Light Liquid Service	Alternative Compliance with § 60.483-1a	Alternative Compliance with § 60.483-2a	Leakless Phase III Valves	EEL	EEL ID No.	Complying with § 60.482-7a

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 162)  
Federal Operating Permit Program**

**Table 18f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Components (continued)								
		Valves (continued)				Pressure Relief Devices				
		Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8a	Gas/Vapor Service	Light Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8a

**Fugitive Emission Unit Attributes  
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Federal Operating Permit Program**

**Table 18g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or  
Modification Commenced after November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Components (continued)							
		Pressure Relief Devices (continued)				Connectors			
		Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8a	Heavy Liquid Service	EEL	EEL ID No.	Complying with § 60.482-8a

**Fugitive Emission Unit Attributes  
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Federal Operating Permit Program**

**Table 18h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or  
Modification Commenced after November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Components (continued)					
		Connectors	Closed-Vent	Systems and	Control Devices		
		Gas/Vapor or Light Liquid Service	Vapor Recovery System	EEL	EEL ID No.	Complying with § 60.482-10a	Control Device ID No.

**Fugitive Emission Unit Attributes  
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Federal Operating Permit Program**

**Table 18i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or Modification Commenced after November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices		(continued)		
		Enclosed Combustion Device	EEL	EEL ID No.	Complying with § 60.482-10a	Control Device ID No.

**Fugitive Emission Unit Attributes  
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Federal Operating Permit Program**

**Table 18j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or  
Modification Commenced after November 7, 2006  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60, Subpart GGGa Fugitive Unit Components (continued)				
		Closed-Vent	Systems and	Control Devices	(continued)	
		Flare	EEL	EEL ID No.	Complying With § 60.482-10a	Control Device ID No.

**Fugitive Emission Unit Attributes**

**Form OP-UA12 (Page 167)**

**Federal Operating Permit Program**

**Table 18k: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart GGGa: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for which Construction, Reconstruction, or**

**Modification Commenced after November 7, 2006**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 60,	Subpart GGGa Fugitive	Unit Components (continued)	
		Closed-Vent Systems and	Control Devices	(continued)	
		Closed-Vent (or Vapor Collection) Systems	EEL	EEL ID No.	Complying With § 60.482-10a





**Fugitive Emission Unit Attributes  
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**Federal Operating Permit Program**

**Table 19a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction  
Commenced After September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Construction/Modification Date	Centrifugal Compressor	Control Option	Control Device ID No.	Combustion Device Compliance Option	Performance Test	Bypass Device

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 170)**

**Federal Operating Permit Program**

**Table 19b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction  
Commenced After September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/Modification Date	Reciprocating Compressor	AMEL	Bypass Device

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 171)  
Federal Operating Permit Program**

**Table 19c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction  
Commenced After September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/Modification Date	Pneumatic Controller

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 172)**

**Federal Operating Permit Program**

**Table 19d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction  
Commenced After September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/Modification Date	Pneumatic Pump	Control Option	Control Device ID No.	Bypass Device

**Fugitive Emission Unit Attributes**

**Form OP-UA12 (Page 173)**

**Federal Operating Permit Program**

**Table 19e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction**

**Commenced After September 18, 2015**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Construction/Modification Date	Fugitive Component	AMEL	Subject to Another Regulation

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 174)  
Federal Operating Permit Program**

**Table 19f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction  
Commenced After September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components					
		Any Vacuum Service	Pumps				
			Light Liquid Service	Design Capacity < 10MM	AMEL	AMEL ID No.	Complying with 60.482-2a

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 175)**

**Federal Operating Permit Program**

**Table 19g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction**

**Commenced After September 18, 2015**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components			
		Pressure Relief Devices			
		Gas/Vapor Service	Design Capacity < 10MM	AMEL	Complying with 60.482-4a

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 176)**

**Federal Operating Permit Program**

**Table 19h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction  
Commenced After September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part60, Subpart OOOOa Fugitive Unit Components (continued)			
		Valves			
		Open-Ended	AMEL	AMEL ID No.	Complying with 60.482-6a



**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 177)**

**Federal Operating Permit Program**

**Table 19i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction**

**Commenced After September 18, 2015**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40CFR Part 60, Subpart OOOOa Fugitives Unit Components (continued)					
		Valves					
		Gas/Vapor or Light Liquid Service	Design Capacity < 10MM	2.0%	AMEL	AMEL ID No.	Complying with 60.482-7a

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 178)  
Federal Operating Permit Program**

**Table 19j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction  
Commenced After September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)							
		Pumps				Valves			
		Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 179)**

**Federal Operating Permit Program**

**Table 19k: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction**

**Commenced After September 18, 2015**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)							
		Pressure Relief Devices				Connectors			
		Heavy or Light Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 180)**

**Federal Operating Permit Program**

**Table 19I: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction  
Commenced After September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices (continued)				
		Vapor Recovery System	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 181)  
Federal Operating Permit Program**

**Table 19m: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction  
Commenced After September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)				
		Closed-Vent Systems and Control Devices (continued)				
		Enclosed Combustion Device	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 182)  
Federal Operating Permit Program**

**Table 19n: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction  
Commenced After September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)				
		Control Devices				
		Flare	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 183)  
Federal Operating Permit Program**

**Table 19o: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction  
Commenced After September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)								
		Control		Devices		Complying with 60.482-10a	Connectors			Complying with 60.482-11a
		CVS	AMEL	AMEL ID No.	Gas/Vapor or Light Liquid Service		Design Capacity < 10MM	AMEL	AMEL ID No.	

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 184)**

**Federal Operating Permit Program**

**Table 19p: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOOa: Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction  
Commenced After September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Components (continued)
		Title 40 CFR Part 60, Subpart OOOOa Fugitive Unit Description



**Fugitive Emission Unit Attributes**

**Form OP-UA12 (Page 185)**

**Federal Operating Permit Program**

**Table 20a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011, and on or before September 18, 2015**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/ Modification Date	Centrifugal Compressor	Control Option	Control Device ID No.	Combustion Device Compliance Option	Performance Test	Bypass Device

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 186)  
Federal Operating Permit Program**

**Table 20b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction,  
Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP/GOP Index No.	Construction/ Modification Date	Reciprocating Compressor	Bypass Device

**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 20c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Construction/ Modification Date	Pneumatic Controller

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 188)  
Federal Operating Permit Program**

**Table 20d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Subject to Another Subpart	Construction/Modification Date

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 189)  
Federal Operating Permit Program**

**Table 20e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOO		Fugitive Unit Components		
		Any Vacuum Service	Pumps			Complying with 60.482-2a
			Light Liquid Service	Design Capacity < 10MM	AMEL	

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 190)  
Federal Operating Permit Program**

**Table 20f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOO Fugitive Unit Components				
		Pressure Relief Devices				
		Gas/Vapor Service	Design Capacity < 10MM	AMEL	AMEL ID No.	Complying with 60.482-4a

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 191)  
Federal Operating Permit Program**

**Table 20g: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60,	Subpart OOOO	Fugitive Unit	Components (continued)
		Open-ended Valves or Lines	AMEL	AMEL ID No.	Complying with 60.482-6a

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 192)  
Federal Operating Permit Program**

**Table 20h: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction,  
Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR	Part 60,	Subpart OOOO	Fugitive Unit	Components	(continued)
		Valves					
		Gas/Vapor or Light Liquid Service	Design Capacity < 10MM	2.0%	AMEL	AMEL ID No.	Complying with 60.482-7a



**Fugitive Emission Unit Attributes**

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**Federal Operating Permit Program**

**Table 20i: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOO				Fugitive Unit Components		(continued)	
		Pumps (Continued)				Valves (continued)			
		Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a

**Fugitive Emission Unit Attributes**

**Form OP-UA12 (Page 194)**

**Federal Operating Permit Program**

**Table 20j: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Pressure Relief Devices (continued)				Connectors			
		Heavy or Light Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a	Heavy Liquid Service	AMEL	AMEL ID No.	Complying with 60.482-8a

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 195)  
Federal Operating Permit Program**

**Table 20k: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOO P Fugitive Unit Components (continued)				
		Closed Vent Systems and Control Devices				
		Vapor Recovery System	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 196)  
Federal Operating Permit Program**

**Table 20I: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOO Fugitive Unit Components (continued)				
		Closed Vent Systems		and Control Devices (continued)		
		Enclosed Combustion Device	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 197)  
Federal Operating Permit Program**

**Table 20m: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOO Fugitive Unit Components (continued)				
		Closed Vent Systems		and Control Devices		Control Devices
		Flare	AMEL	AMEL ID No.	Complying with 60.482-10a	Control Device ID No.

TCEQ-10045 (APD-ID 27v5.0, Revised 07/23) OP-UA12  
This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 07/23)

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 198)  
Federal Operating Permit Program**

**Table 20n: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOO Fugitive Unit Components (continued)								
		Control Devices (continued)		Connectors						
		CVS	AMEL	AMEL ID No.	Complying with 60.482-10a	Gas/Vapor or Light Liquid Service	Design Capacity < 10MM	AMEL	AMEL ID No.	Complying with 60.482-11a

**Fugitive Emission Unit Attributes**

**Form OP-UA12 (Page 199)**

**Federal Operating Permit Program**

**Table 20o: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)**

**Subpart OOOO: Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution for which Construction, Modification or Reconstruction Commenced After August 23, 2011 and on or before September 18, 2015**

**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Title 40 CFR Part 60, Subpart OOOO Fugitive Unit Components (continued)
		Title 40 CFR Part 60, Subpart OOOO Fugitive Unit Description

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 200)**  
**Federal Operating Permit Program**  
**Table 21a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Means of Compliance	AMOC-GGGGG ID No.	AMEL-UU ID No.	Heavy Liquid Service	UU Units Without an AMEL



**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 201)**  
**Federal Operating Permit Program**  
**Table 21b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG		Equipment Leak		Components	
		Pumps					
		Light Liquid Service	Dual Mechanical Seal System	No Externally Actuated Shaft	Routed to Process or Fuel Gas System or Equipped CVS	AMEL	AMEL ID No.

**Fugitive Emission Unit Attributes  
 Form OP-UA12 (Page 202)  
 Federal Operating Permit Program  
 Table 21c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
 Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation  
 Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Equipment Leak	Components		
		Pumps		(Continued)		Compressors		
		Heavy Liquid Service	AMEL	AMEL ID No.	Any	Leakage Capture and Transport	Instrument Reading <500 ppm	

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 203)**  
**Federal Operating Permit Program**  
**Table 21d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Equipment Leak	Components	
		Compressors		(Continued)		Pressure Relief	Device
		Heavy Liquid Service	AMEL	AMEL ID No.	Gas/Vapor Service	Equipped Rupture Disk	Routed to Process or Fuel Gas System or Equipped CVS

**Fugitive Emission Unit Attributes  
 Form OP-UA12 (Page 204)  
 Federal Operating Permit Program  
 Table 21e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
 Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation  
 Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG		Equipment Leak	Components	
		Pressure Relief		Devices	(Continued)	
		AMEL	AMEL ID No.	Liquid Service	AMEL	AMEL ID No.

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 205)**  
**Federal Operating Permit Program**  
**Table 21f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG		Equipment Leak		Components	
		Sampling	Connection	Systems		Open-ended Valves	or Lines
		Any	Heavy Liquid Service	AMEL	AMEL ID No.	Any	Heavy Liquid Service

**Fugitive Emission Unit Attributes  
Form OP-UA12 (Page 206)  
Federal Operating Permit Program  
Table 21g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Equipment Leak	Components		
		or Lines						
		Open-ended Valves	(Continued)					
		AMEL	AMEL ID No.	Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Service	

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 207)**  
**Federal Operating Permit Program**  
**Table 21h: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Equipment Leak	Components	
		Valves	(Continued)	Connectors			
		AMEL	AMEL ID No.	Gas/Vapor or Light Liquid Service	AMEL	AMEL ID No.	Heavy Liquid Service

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 208)**  
**Federal Operating Permit Program**  
**Table 21i: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Equipment Leak	Components		
		Connectors	(Continued)	Agitators				
		AMEL	AMEL ID No.	Gas/Vapor or Light Liquid Service	Dual Mechanical Seal System	No Externally Actuated Shaft	Routed to Process or Fuel Gas System or Equipped CVS	



**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 209)**  
**Federal Operating Permit Program**  
**Table 21j: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG		Equipment Leak	Components	
		Agitators		(Continued)		
		AMEL	AMEL ID No.	Heavy Liquid Service	AMEL	AMEL ID No.

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 210)**  
**Federal Operating Permit Program**  
**Table 21k: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Equipment Leak	Components	
		Instrumentation			Systems		Closed Vent Systems
		Any	Heavy Liquid Service	AMEL	AMEL ID No.	Fuel Gas System or Process	

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 211)**  
**Federal Operating Permit Program**  
**Table 211: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Equipment Leak	Components	
		Closed Vent	Systems and	Control Devices	(CVSCD)		
		Non-flare 95% Efficiency	Control Device ID No.	Non-flare 20 ppmv	Control Device ID No.	Combustion 95% Efficiency	Control Device ID No.

TCEQ-10045 (APD-ID 27v5.0, Revised 07/23) OP-UA12  
This form is for use by facilities subject to air quality permit requirements and may be revised periodically. (Title V Release 07/23)

**Fugitive Emission Unit Attributes  
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Federal Operating Permit Program  
Table 21m: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Equipment Leak	Components	
		Closed Vent	Systems and	Control Devices	(CVSCD)	(Continued)	
		Combustion 20 ppmv	Control Device ID No.	Residence Time 0.5s Min. 760°C	Control Device ID No.	Flare	Control Device ID No.

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 21n: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Equipment Leak	Components	
		Closed Vent	Systems and	Control Devices	(CVSCD)	(Continued)	
		63GGGGG-Regen. CAS	Control Device ID No.	63GGGGG-Non-Regen. CAS	Control Device ID No.	63GGGGG-Condenser	Control Device ID No.

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 21o: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63,	Subpart GGGGG	Equipment Leak	Components
		Closed Vent Systems and	Control Devices (CVSCD)	(Continued)	
		63GGGGG-Thermal Incinerator	Control Device ID No.	63GGGGG-Catalytic Incinerator	Control Device ID No.

TCEQ-10045 (APD-ID 27v5.0, Revised 07/23) OP-UA12  
 This form is for use by facilities subject to air quality permit requirements and  
 may be revised periodically. (Title V Release 07/23)

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 215)**  
**Federal Operating Permit Program**  
**Table 21p: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63,	Subpart GGGGG	Equipment Leak	Components
		Closed Vent Systems and	Control Devices (CVSCD)	(Continued)	
		63GGGGG-Boiler or Process Heater	Control Device ID No.	63GGGGG-Flare	Control Device ID No.

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 216)**  
**Federal Operating Permit Program**  
**Table 21q: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Enc.-Vent. Process Unit AMEL-UU	Enc.-Vent. Process Unit AMEL-UU ID No.	Negative Pressure	Bypass Device	Flare Compliance





**Fugitive Emission Unit Attributes  
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Federal Operating Permit Program  
Table 21s: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG		Equipment Leak	Components		
		Pumps				Compressors	
		Light Liquid Service	Handling Polymerizing Monomers	In Food or Medical Service	Heavy Liquid Service	Any	

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 21t: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG		Equipment Leak	Components		
		Pressure Relief	Devices	Sampling Connection Sys.	Open-Ended Valves	Valves	
		Gas/Vapor Service	Liquid Service	Any	Any	Gas/Vapor or Light Liquid Service	Heavy Liquid Service

**Fugitive Emission Unit Attributes  
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Federal Operating Permit Program  
Table 21u: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation  
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63, Subpart GGGGG		Equipment Leak		Components	
		Connectors		Agitators		Instrumentation Systems	Closed Vent Systems
		Gas/Vapor or Light Liquid Service	Heavy Liquid Service	Gas/Vapor or Light Liquid Service	Heavy Liquid Service	Any	Fuel Gas System or Process

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 21v: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Equipment Leak	Components
		Closed Vent	Systems and	Control Devices	(CVSCD)	
		Non-flare 95% Efficiency	Control Device ID No.	Non-flare 20 ppmv	Control Device ID No.	Enclosed Combustion Device

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 21w: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Equipment Leak	Components	
		Closed Vent	Systems and	Control Devices	(CVSCD)	(Continued)	
		Flare	Control Device ID No.	63GGGGG-Regen. CAS	Control Device ID No.	63GGGGG-Non-Regen. CAS	Control Device ID No.

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 223)**  
**Federal Operating Permit Program**  
**Table 21x: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR	Part 63, Subpart	GGGGG	Equipment Leak	Components	
		Closed Vent	Systems and	Control Devices	(CVSCD)	(Continued)	
		63GGGGG- Condenser	Control Device ID No.	63GGGGG-Thermal Incinerator	Control Device ID No.	63GGGGG-Catalytic Incinerator	Control Device ID No.

**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 224)**  
**Federal Operating Permit Program**  
**Table 21y: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Title 40 CFR Part 63,	Subpart GGGGG	Equipment Leak	Components
		Closed Vent Systems and	Control Devices (CVSCD)	(Continued)	
		63GGGGG-Boiler or Process Heater	Control Device ID No.	63GGGGG-Flare	Control Device ID No.



**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 21z: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Negative Pressure	Bypass Device	Flare Compliance

**Fugitive Emission Unit Attributes**  
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**Federal Operating Permit Program**  
**Table 21aa: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)**  
**Subpart GGGGG: National Emission Standards for Hazardous Air Pollutants: Site Remediation**  
**Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Alternative Work Practice Standards	Work Practice Standards ID No.	Design Evaluation	Bypass Device	Continuous Emissions Monitoring System	CVSCD Continuous Compliance

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**Table 22a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Compressor Type	ACR	ACR ID No.

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Fugitive Emission Unit Attributes  
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**Table 22b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Control Option	Control Device	Control Device ID No.	Bypass Device	Unsafe to Monitor	Difficult to Monitor

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Fugitive Emission Unit Attributes  
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**Table 22c: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Pneumatic Facility Type	ACR	ACR ID No.

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**Federal Operating Permit Program**  
**Table 22d: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Control Device	Control Device ID No.	Bypass Device	Unsafe to Monitor	Difficult to Monitor

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**Table 22e: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	Fugitive Component	Components Utilizing Alternative Work Practice in § 115.358

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Fugitive Emission Unit Attributes  
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Federal Operating Permit Program**

**Table 22f: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit	Components	
		Pumps in Light Liquid VOC Service	ACR	ACR ID No.	Polymerizing Monomer	Not Polymerizing Monomer



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Fugitive Emission Unit Attributes  
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**Table 22g: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components (continued)	
		Pumps in Heavy Liquid VOC Service	ACR	ACR ID No.	Complying with § 115.177(b)(1)

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**Table 22h: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
 Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components	(continued)
		Valves	ACR	ACR ID No.	Complying with § 115.177(b)(1)

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Fugitive Emission Unit Attributes  
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**Table 22i: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components (continued)	
		Flanges	ACR	ACR ID No.	Complying with § 115.177(b)(1)

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**Table 22j: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components (continued)	
		Connectors	ACR	ACR ID No.	Complying with § 115.177(b)(1)

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Federal Operating Permit Program**

**Table 22k: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components	(continued)
		Pressure Relief Devices	ACR	ACR ID No.	Complying with § 115.177(b)(1)

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**Table 22l: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components	(continued)
		Sampling Connections	ACR	ACR ID No.	Complying with § 115.177(b)(1)

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**Federal Operating Permit Program**  
**Table 22m: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components	(continued)
		Process Drains	ACR	ACR ID No.	Complying with § 115.177(b)(1)

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**Table 22n: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter B: Division 7: Oil and Natural Gas Service in Ozone Nonattainment Areas**

Date	Permit No.	Regulated Entity No.

Unit ID. No.	SOP Index No.	30 TAC	§ 115.177	Fugitive Unit Components	(continued)
		Compressors	ACR	ACR ID No.	Complying with § 115.177(b)(1)



