**Texas Commission on Environmental Quality**

**Table 2**

**Material Balance**

This material balance table is used to quantify possible emissions of air contaminants and special emphasis should be placed on potential air contaminants, for example: If feed contains sulfur, show distribution to all products. Please relate each material (or group of materials) listed to its respective location in the process flow diagram by assigning emission point numbers (taken from the flow diagram) to each material.

| **List every material involved in each of the following groups** | **Emission Point No. from Flow Diagram** | **Process Rate[[1]](#footnote-1)** **Check appropriate column at right to indicate process rate method.** | **Measurement** | **Estimation** | **Calculation** |
| --- | --- | --- | --- | --- | --- |
| Raw Materials - Input |  |  |  |  |  |
| Fuels - Input |  |  |  |  |  |
| Products and By-Products - Output |  |  |  |  |  |
| Solid Wastes - Output |  |  |  |  |  |
| Liquid Wastes - Output |  |  |  |  |  |
| Airborne Waste (Solid) - Output |  |  |  |  |  |
| Airborne Wastes (Gaseous) - Output |  |  |  |  |  |

1. Specify the process rate of the facility using conventional engineering units (e.g., bbl/d, lb/yr, SCFM), and indicate the units next to each number. Standard Conditions: are 68°F 14.7 psia (30 Texas Administrative Code, Section 101.1(99). [↑](#footnote-ref-1)