

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19136

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

## AIR CONTAMINANTS DATA

| Emission<br>Point No. (1) | Source<br>Name (2)                                    | Air Contaminant<br>Name (3) | Emission Rates * |       |
|---------------------------|---|-----------------------------|------------------|-------|
|                           |   |                             | lb/hr            | TPY** |
| 122HE2723                 | MO-3 Incinerator                                      | CO                          | 10.20            | 44.64 |
|                           |   | NO <sub>x</sub>             | 17.00            | 74.41 |
|                           |   | PM <sub>10</sub>            | 0.66             | 2.92  |
|                           |   | SO <sub>2</sub>             | 0.01             | 0.04  |
|                           |   | VOC                         | 5.60             | 24.50 |
| 122T530                   | Flare - Pilot Fuel Only                               | CO                          | 0.07             | 0.29  |
|                           |   | NO <sub>x</sub>             | 0.01             | 0.05  |
|                           |   | SO <sub>2</sub>             | 0.01             | 0.01  |
|                           |   | VOC                         | 0.01             | 0.02  |
|                           |   |                             |                  |       |
|                           | (Start-up, Shutdown and<br>Maintenance Emissions) (5) | CO                          | 97.40            | 16.37 |
|                           |   | NO <sub>x</sub>             | 16.20            | 2.72  |
|                           |   | SO <sub>2</sub>             | 0.11             | 0.02  |
|                           |   | VOC                         | 115.0            | 19.33 |
|                           |   |                             |                  |       |
| 122V1695                  | V-1695 Vent   | VOC                         | 0.33             | 0.37  |
| 122V1741                  | V-1741 Vent   | VOC                         | 0.33             | 0.37  |
| F112                      | MRU Process Fugitives (4)                             | VOC                         | 0.03             | 0.11  |
| F122                      | MO-3 Process Fugitives (4)                            | VOC                         | 0.15             | 0.67  |

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
PM<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Records of flare emissions from routine operations will be kept in a readily accessible place. Waste gas streams will only be vented to this flare when the incinerator is out of service and will not exceed 336 hours every rolling 12-months for start-up, shutdown, and maintenance operations.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated November 19, 2007