

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21715

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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
H-56	Product Tank	VOC	0.521	0.348
S-70	Sulfur Tank	H <sub>2</sub> S	0.054	0.002
		SO <sub>2</sub>	0.341	0.010
BH0-3	Filter Aid Unloading (Baghouse)	PM <sub>10</sub>	<0.001	<0.001
FUG-55	Fugitive Emissions (4)	VOC	0.636	2.776
FI-01	Fume Incinerator	PM <sub>10</sub>	0.021	0.018
		VOC	3.373	2.835
		NO <sub>x</sub>	0.90	3.942
		SO <sub>2</sub>	5.727	6.473
		CO	0.206	0.174
		H <sub>2</sub> S	0.023	0.026
		Mercaptans	0.017	0.019
FI-02	Fume Incinerator (5)	PM <sub>10</sub>	<0.001	<0.001
		VOC	0.024	0.001
		NO <sub>x</sub>	0.010	<0.001
		SO <sub>2</sub>	<0.001	<0.001
		CO	<0.001	<0.001
		H <sub>2</sub> S	<0.001	<0.001
HO-15	Hot Oil Heater	PM <sub>10</sub>	0.182	0.799
		VOC	0.132	0.578
		NO <sub>x</sub>	0.720	3.154
		SO <sub>2</sub>	0.014	0.063
		CO	2.016	8.830

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
BH0-2	Lime Silo (Baghouse)	PM <sub>10</sub>	0.001	0.001
OF-3	Plate and Frame Filter	VOC	4.635	4.409
		PM (mist)	0.987	2.970
LS-2	Blend Oil Tank	VOC	0.033	0.004
HHO-15	Hot Oil Storage Tank	VOC	<0.001	0.001

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - H<sub>2</sub>S - hydrogen sulfide
  - SO<sub>2</sub> - sulfur dioxide
  - 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.
  - NO<sub>x</sub> - total oxides of nitrogen
  - CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emissions rate.
- (5) Emissions attributable to facilities authorized under Texas Commission on Environmental Quality Permit Number 21715 only. Emission Point No. FI-02 is authorized under Permit Number 22059.

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

Hrs/day \_\_\_\_ Days/week \_\_\_\_ Weeks/year \_\_\_\_ Hrs/year 8,760

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

Permit Number 21715  
Page 2

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>

Dated \_\_\_\_\_