

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 16754 and PSDTX682

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**
FE1	Process Flare Normal Operation	CO	328.39	41.57
		H <sub>2</sub> S	5.66	0.22
		NO <sub>x</sub>	38.97	7.80
		SO <sub>2</sub>	531.96	19.98
		VOC	179.78	14.10
	Planned MSS Activities Only	CO	109.92	0.22
		NO <sub>x</sub>	12.82	0.03
	Lo-Cat Unit Incinerator	CO	11.42	50.00
		H <sub>2</sub> S	0.01	0.03
		NO <sub>x</sub>	4.57	20.00
		PM <sub>10</sub>	0.87	3.83
		SO <sub>2</sub>	16.48	72.00
		TRS	1.20	5.25
		VOC	0.55	2.40
T1	DEA Storage Tank	VOC	0.01	0.01
TE1	Turbine Generator, Turbine Replacement and Auxiliary Heater	CO (5)	81.70	358.10
		NO <sub>x</sub> (5)	85.50	374.80
		PM <sub>10</sub>	1.98	8.69
		SO <sub>2</sub>	1.02	4.47
		VOC	0.63	2.76
F1-6	Process Fugitives (4)	H <sub>2</sub> S	0.01	0.04
		VOC	8.67	38.00

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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  
H<sub>2</sub>S - hydrogen sulfide  
NO<sub>x</sub> - total oxides of nitrogen  
PM<sub>10</sub> - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.  
SO<sub>2</sub> - sulfur dioxide  
TRS - total reduced sulfur  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (5) PSDTX682 authorized emissions.

\* 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 July 5, 2011