

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6059

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.

CONTAMINANTS DATA			AIR	
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
T1	Tail Gas Incinerator	VOC	0.05	0.22
		NO <sub>x</sub>	2.18	9.55
		SO <sub>2</sub>	7.29	31.93
		PM <sub>10</sub>	0.25	1.10
		H <sub>2</sub> S	0.16	0.70
		CO	15.96	69.90
		H <sub>2</sub> SO <sub>4</sub>	1.03	4.51
T202	Tank 202	VOC	0.27	0.77
		NH <sub>3</sub>	<0.01	<0.01
		H <sub>2</sub> S	<0.01	<0.01
D48	Tank D48	VOC	0.14	0.02
F-PSRU	SRU Fugitives	VOC	0.19	0.86
		H <sub>2</sub> S	0.34	1.47
		MDEA (4)	0.03	0.14
		NH <sub>3</sub>	0.06	0.25
		S (vapor)	<0.01	<0.01

(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) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

PM<sub>10</sub> - particulate matter less than 10 microns in diameter

H<sub>2</sub>S - hydrogen sulfide

CO - carbon monoxide

H<sub>2</sub>SO<sub>4</sub> - sulfuric acid

NH<sub>3</sub> - anhydrous ammonia

(4) MDEA is not included in VOC emission rate.

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

Hrs/day\_\_\_\_Days/week\_\_\_\_Weeks/year\_\_\_\_or Hrs/year 8,760

Dated \_\_\_\_\_