

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 43073

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
25H1	Charge Heater	PM <sub>10</sub>	0.107	0.42
		VOC	0.036	0.14
		NO <sub>x</sub>	0.86	3.39
		CO	1.18	4.65
		SO <sub>2</sub>	0.45	0.88
F-25	Fugitives (4)	VOC	2.59	11.34
		Benzene	0.014	0.06
		H <sub>2</sub> S	<0.001	<0.01
		SO <sub>2</sub>	0.001	<0.01
		NH <sub>3</sub>	<0.001	<0.01
25V1	Regenerator Vent	CO	21.19	83.51
		NO <sub>x</sub>	25.82	101.77
		SO <sub>2</sub>	2.62	10.32
		H <sub>2</sub> SO <sub>4</sub>	0.79	3.79
		PM/PM <sub>10</sub>	1.50	5.91
		VOC	0.025	0.11

- (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>SO<sub>4</sub> - sulfuric acid  
PM - particulate matter, suspended in the atmosphere  
PM<sub>10</sub> - particulate matter 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.  
NH<sub>3</sub> - ammonia  
NO<sub>x</sub> - nitrogen oxides  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable 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 \_\_\_\_\_