

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9150

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
907	Flare	VOC	0.01	0.06
		CO	0.14	0.61
		NO <sub>x</sub>	0.03	0.13
1200	Vent Scrubber	BF <sub>3</sub>	0.001	0.005
		NH <sub>3</sub>	0.15	0.64
1201	Water Scrubber	NH <sub>3</sub>	0.15	0.64
1202	Water Scrubber	NH <sub>3</sub>	0.15	0.64
1202A	Water Scrubber	NH <sub>3</sub>	0.15	0.64
1203	Process Tank Vents	VOC	1.27	1.39
1204	Storage Tank Vents	VOC	0.94	1.42
		NH <sub>3</sub>	0.14	0.60
1205	Heat Medium Heater (5.5 MMBtu/hr heat input)	VOC	0.03	0.13
		CO	0.44	1.95
		NO <sub>x</sub>	0.53	2.32
		PM <sub>10</sub>	0.04	0.18
		SO <sub>2</sub>	0.06	0.26
1206	Fugitives (4)	VOC	0.87	3.81
		BF <sub>3</sub>	0.06	0.25
		NH <sub>3</sub>	0.02	0.10
1206A	Centrifuge	VOC	1.98	8.67

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
1207	Storage Tank Vents	VOC	0.05	0.23
		NH <sub>3</sub> 0.14	0.60	
1208	Loading	VOC	8.37	0.15

- (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  
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  
BF<sub>3</sub> - boron trifluoride  
NH<sub>3</sub> - ammonia
- (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/year 8,760

Dated September 22, 2000