

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 297

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

<u>Emission **</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY*</u>
F-1	Flare	NO <sub>x</sub>	0.62	2.7
		CO	0.12	0.5
		VOC	1.83	8.0
		SO <sub>2</sub>	302.75	1326.0
		H <sub>2</sub> S	3.28	14.4
H-2	Amine Reclaimer Heater	NO <sub>x</sub>	0.07	0.3
		CO	0.06	0.3
		VOC	<0.01	<0.1
		PM <sub>10</sub>	<0.01	<0.1
H-3	Steam Generator	NO <sub>x</sub>	0.44	1.9
		CO	0.37	1.6
		VOC	0.02	0.1
		PM <sub>10</sub>	0.03	0.1
H-4	Glycol Reboiler	NO <sub>x</sub>	0.10	0.4
		CO	0.08	0.4
		VOC	<0.01	<0.1
		PM <sub>10</sub>	<0.01	<0.1
V-1	Glycol Still Vent	VOC	5.61	24.6
E-1	Compressor Engine (115-hp)	NO <sub>x</sub>	1.14	5.0
		CO	0.45	2.0
		VOC	0.25	1.1
TK-2	Condensate Tank	VOC	0.84	3.7

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FUG	Fugitives (4)	VOC	1.93	8.4
		H <sub>2</sub> S	0.29	1.3

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- (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 an area name or fugitive source name.
- (3) NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1  
SO<sub>2</sub> - sulfur dioxide  
H<sub>2</sub>S - hydrogen sulfide  
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.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

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

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

Dated\_\_\_\_\_