

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 16904

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
2	Hot Oil Heater	NO <sub>x</sub>	0.84	3.69
		CO	0.18	0.78
		VOC	0.03	0.13
		PM <sub>10</sub>	0.10	0.44
3	TEG Reboiler	NO <sub>x</sub>	0.09	0.41
		CO	0.02	0.09
		VOC	0.003	0.014
		PM <sub>10</sub>	0.01	0.05
4	Flare	NO <sub>x</sub>	0.26	1.12
		CO	1.39	6.07
		VOC	0.19	0.85
		H <sub>2</sub> S	0.18	0.80
		SO <sub>2</sub>	16.82	73.69
		PM <sub>10</sub>	0.79	3.47
5	Fugitives (4)	VOC	0.00	0.00
6	Fugitives (4)	H <sub>2</sub> S	0.14	0.59
7	Glycol Dehy Vent	VOC as propane	0.02	0.08

(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.



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(3) VOC - volatile organic compounds as defined in General Rule 101.1

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

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

PM<sub>10</sub> - particulate matter with an aerodynamic diameter of 10 micrometers or less

CO - carbon monoxide

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

(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:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Date:\_\_\_\_\_