

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5112

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
DHR-1	Glycol Reboiler	VOC	0.04	0.16
		PM <sub>10</sub>	<0.01	0.01
		CO	<0.01	0.02
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.02	0.10
DHR-2	Glycol Reboiler	VOC	0.03	0.14
		PM <sub>10</sub>	<0.01	0.03
		CO	0.01	0.06
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.06	0.27
FUG-1	Fugitives (Gas Service) (4)	VOC	0.40	1.73
FUG-2	Fugitives (lt. Liquid Service) (4)	VOC	1.00	4.37
G-1	Engine (Generator)	VOC	0.42	0.92
		PM <sub>10</sub>	0.44	0.96
		CO	1.34	2.92
		SO <sub>2</sub>	0.41	0.90
		NO <sub>x</sub>	6.17	13.47
G-2	Engine (Generator)	VOC	0.42	0.92
		PM <sub>10</sub>	0.44	0.96
		CO	1.34	2.92
		SO <sub>2</sub>	0.41	0.90
		NO <sub>x</sub>	6.17	13.47
GH-1	Heater	VOC	<0.01	0.01
		PM <sub>10</sub>	<0.01	0.03
		CO	0.01	0.06
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.06	0.28

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
GH-2	Heater	VOC	<0.01	0.01
		PM <sub>10</sub>	<0.01	<0.01
		CO	<0.01	0.01
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.01	0.06

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### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
HT-1	Heater Treater	VOC	0.01	0.05
		PM <sub>10</sub>	0.04	0.17
		CO	0.07	0.29
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.32	1.40
LD-1	Loading Dock	VOC	24.80	0.99
FL-1	Flare	VOC	12.53	2.05
		CO	27.34	2.51
		NO <sub>x</sub>	13.73	1.26

- (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 General Rule 101.1  
 NO<sub>x</sub> - nitrogen oxides  
 SO<sub>2</sub> - sulfur dioxide  
 PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
 CO - carbon monoxide
- (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 8,760 Hrs/year

Dated \_\_\_\_\_