

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5414

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
C-2	Turbine			VOC	3.80	6.66
				CO	16.60	29.08
				NO <sub>x</sub>	14.80	25.93
				PM <sub>10</sub>	<0.01	<0.01
				SO <sub>2</sub>	<0.01	<0.01
C-3	Turbine			VOC	3.80	6.66
				CO	16.60	29.08
				NO <sub>x</sub>	14.80	25.93
				PM <sub>10</sub>	<0.01	<0.01
				SO <sub>2</sub>	<0.01	<0.01
H-1	Heater			VOC	0.01	0.01
				CO	0.03	0.03
				NO <sub>x</sub>	0.15	0.13
				PM <sub>10</sub>	0.02	0.02
				SO <sub>2</sub>	<0.01	<0.01
H-2	Heater			VOC	0.11	0.47
				CO	1.37	5.98
				NO <sub>x</sub>	5.48	23.91
				PM <sub>10</sub>	0.53	2.34
				SO <sub>2</sub>	0.02	0.01
H-3	Heater			VOC	0.04	0.09
				CO	0.18	0.42
				NO <sub>x</sub>	2.28	5.38
				PM <sub>10</sub>	6.19	14.64
				SO <sub>2</sub>	0.05	0.04
H-4	Heater			VOC	0.18	0.41
				CO	2.28	5.38

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Name (3)	Air Contaminant		Emission Rates *	
			lb/hr	TPY		
				NO <sub>x</sub>	6.19	14.64
				PM <sub>10</sub>	0.89	2.11
				SO <sub>2</sub>	0.04	0.09
H-7	Heater			VOC	0.02	0.10
				CO	0.13	0.57
				NO <sub>x</sub>	0.63	2.74
				PM <sub>10</sub>	0.08	0.33
				SO <sub>2</sub>	<0.01	<0.01
H-8	Heater			VOC	0.04	0.16
				CO	0.20	0.87
				NO <sub>x</sub>	0.94	4.12
				PM <sub>10</sub>	0.11	0.49
				SO <sub>2</sub>	0.01	0.02
H-9	Heater			VOC	0.03	0.03
				CO	0.18	0.16
				NO <sub>x</sub>	0.87	0.77
				PM <sub>10</sub>	0.11	0.09
				SO <sub>2</sub>	<0.01	<0.01
F-1	Flare			VOC	176.40	196.60
				NO <sub>x</sub>	0.54	0.56
				CO	1.08	1.13
D-1	Process Fugitives (4)			VOC	39.99	174.22
LR-1MP	Barge Slip Tubes and Rotary Gauges			VOC	396.76	30.72
LR-1T	Truck Loading and Unloading Connections			VOC	1.48	0.35
LR-2T	Truck Slip Tubes and			VOC	340.77	5.70

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Rotary Gauges

- (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) TSP - total suspended particulate, including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
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  
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 Hrs/year 8,760

Dated\_\_\_\_\_