

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22074

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)	<u>Emission Rates</u>	
			lb/hr	TPY
S-44	Scrubber	VOC	0.48	0.03
		HCl	0.04	<0.01
S-45	Scrubber	VOC	0.72	0.02
		HCl	0.07	<0.01
D-28	Tank	VOC	1.20	0.25
S-37	Scrubber	VOC	0.08	<0.01
S-39	Scrubber	VOC	0.01	0.01
		HCl	0.01	<0.01
S-50	Scrubber	VOC	0.96	0.05
		HCl	0.09	<0.01
S-PB3	Scrubber	VOC	0.24	<0.01
		HCl	0.02	<0.01
5-MT	Heater	PM <sub>10</sub>	0.08	0.67
		SO <sub>2</sub>	0.01	0.01
		NO <sub>x</sub>	1.00	0.82
		CO	0.83	0.70
		VOC	0.06	0.05
3-MT	Heater	PM <sub>10</sub>	0.03	0.07
		SO <sub>2</sub>	0.01	0.01

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## AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hrTPY	
		NO <sub>x</sub>	0.30	0.90
		CO	0.25	0.73
		VOC	0.02	0.05
6MT	Heater	PM <sub>10</sub>	0.04	0.04
		SO <sub>2</sub>	0.01	0.01
		NO <sub>x</sub>	0.50	0.53
		CO	0.40	0.44
		VOC	0.03	0.03
H0-5	Tank Vent	VOC	0.39	<0.01
H0-8	Tank Vent	VOC	0.39	<0.01
H0-10	Tank Vent	VOC	0.39	<0.01
H0-11	Tank Vent	VOC	0.35	<0.01
H0-12	Tank Vent	VOC	0.35	<0.01
MT-5	Tank Vent	VOC	0.02	<0.01
SC-FI-05	Incinerator Scrubber Stack	NO <sub>x</sub>	1.67	3.05
		VOC	0.70	1.28
		CO	0.50	0.92
		HCl	1.00	1.80
PIBSA-FUG	PIBSA Fugitives (4)	VOC	3.35	14.67
		HCl	0.08	0.33
		Cl <sub>2</sub>	0.10	0.43

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- (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)  $PM_{10}$  -  
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.  
VOC - volatile organic compounds as defined in General Rule 101.1  
 $NO_x$  - total oxides of nitrogen  
 $SO_2$  - sulfur dioxide  
CO - carbon monoxide  
HCl - hydrogen chloride  
 $Cl_2$  - chlorine
- (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 \_\_\_\_\_