

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22046

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)	Name (3)	Air Contaminant		<u>Emission Rates *</u>	
			lb/hr	TPY		
EPN-13	Process flare			SO2	2.77	11.48
				VOC	0.79	1.64
				NOx	1.80	2.91
				CO	9.28	14.97
				HCl	0.58	1.01
S-23	Water spray column			HCl	0.02	0.07
S-34	Spray column			H2S	0.01	0.03
S-03	Spray column absorber			H2S	<0.01	<0.01
P&F-1	Plate and frame filter (4)			VOC	0.14	0.17
P&F-2	Plate and frame filter (4)			VOC	0.14	0.17
P&F-3	Plate and frame filter (4)			VOC	0.09	0.10
J-4/5	Filter feed tanks			PM	<0.01	<0.01
156-FUG	Process fugitives (4)			VOC	0.92	4.02
				HCl	0.01	0.06
				S2CL2	0.06	0.24
				H2S	0.01	0.05
				Na2S	0.07	0.32
CT-13	Cooling tower			VOC	<0.01	<0.01

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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(2) Specific point source name. For fugitive sources use area name or fugitive source name.

- (3) PM - particulate matter  
VOC - volatile organic compounds as defined in General Rule 101.1  
NOx - total oxides of nitrogen  
SO2 - sulfur dioxide  
CO - carbon monoxide  
H2S - hydrogen sulfide  
HCl - hydrogen chloride  
S2CL2 - sulfur chloride  
Na2S - sodium 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:

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

Dated \_\_\_\_\_