

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6638

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
1	Flare **	VOC	85.9	30.7
		NO <sub>x</sub>	11.7	4.2
		CO	23.3	8.3
		NH <sub>3</sub>	25.18	1.8
		SO <sub>2</sub>	1.6	0.02
		SO <sub>3</sub>	0.01	<0.01
2	Caustic Scrubber	VCM	5.5	2.5
		MeCl	3.0	0.5
		Cl <sub>2</sub>	0.4	0.1
		HCl	3.2	1.6
		NO <sub>x</sub>	0.7	1.1
		CO	0.1	0.2
		TSP	<0.1	0.1
		SO <sub>2</sub>	0.1	0.2
3	Process Fugitives (4)	VOC	0.01	0.03

- (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  
VCM - vinyl chloride monomer  
MeCl - methyl chloride  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
SO<sub>3</sub> - sulfur trioxide  
CO - carbon monoxide  
NH<sub>3</sub> - ammonia  
Cl<sub>2</sub> - chlorine

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HCl - hydrogen chloride  
TSP - total suspended particulates

(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 12 Days/week 7 Weeks/year 52 or Hrs/year \_\_\_\_\_

\*\* Emission rates for the flare are based on an operating schedule of 12 hrs/day, 5 days/week, and 52 weeks/year.

Dated \_\_\_\_\_