

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18447

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				
88-1A	Boiler	VOC	0.01	0.04
		NO <sub>x</sub>	0.19	0.83
		SO <sub>2</sub>	<0.01	<0.01
		PM	<0.01	0.02
		CO	0.04	0.17
88-1B	Boiler	VOC	0.01	0.04
		NO <sub>x</sub>	0.19	0.83
		SO <sub>2</sub>	<0.01	<0.01
		PM	<0.01	0.02
		CO	0.04	0.17
88-2	Flare	VOC	112.30	13.61
		NO <sub>x</sub>	2.10	9.20
		CO	4.20	18.5
		IOC-U	11.00	1.32
		HCl	19.00	0.28
		HF	0.69	0.30
		HBr	20.65	1.37
		HI	9.98	1.80
88-3	Caustic Tank	NaOH	0.03	0.02
88-4	First-Rinse Wastewater Tank	VOC	0.07	0.16
94-5	Washrack	VOC	41.40	8.70
		IOC-U	0.04	0.01
94-6	4,000 Gallon Wastewater Tank	VOC	0.13	0.20
94-7	Oil/Water Separator	VOC	<0.01	<0.01

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94-8	Separator Overflow	VOC	0.07	0.11
94-9	24,000 Gallon Wastewater Treatment Tank	VOC	0.16	0.32
94-10	12,000 Gallon Wastewater Storage Tank 1	VOC	0.22	0.13

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Emission Point No. (1) <u>TPY</u>	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u> lb/hr	
94-11	12,000 Gallon Wastewater Storage Tank 2	VOC	0.22	0.13
94-12	17,500 Gallon Wastewater Storage Tank	VOC	0.22	0.23
94-13	Diesel Storage Tank 1	VOC	0.60	0.02
94-14	Diesel Storage Tank 2	VOC	0.60	0.02
94-15	First-Rinse Wastewater Loading	VOC	2.48	0.12
94-16	12,000 Gallon Wastewater Tank 1 Loading	VOC	1.39	0.04
94-17	12,000 Gallon Wastewater Tank 2 Loading	VOC	1.39	0.04
94-18	17,500 Gallon Wastewater Tank Loading	VOC	1.39	0.06

(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

IOC-U - inorganic compounds (unspeciated)

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

PM - particulate matter

CO - carbon monoxide

HCl - hydrogen chloride

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HF - hydrogen fluoride  
HBr - hydrogen bromide  
HI - hydrogen iodide  
NaOH - sodium hydroxide

(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