

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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	NO <sub>x</sub>	0.20	0.86
		CO	0.17	0.72
		VOC	0.01	0.05
		SO <sub>2</sub>	0.01	0.01
		PM	0.02	0.07
88-1B	Boiler	NO <sub>x</sub>	0.20	0.86
		CO	0.17	0.72
		VOC	0.01	0.05
		SO <sub>2</sub>	0.01	0.01
		PM	0.02	0.07
88-2	Flare	NO <sub>x</sub>	3.60	9.20
		CO	7.20	18.50
		VOC	195.87	13.61
		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	VOC	0.03	0.02
94-5	Wash Rack	VOC	49.58	8.70
		IOC-U	0.04	0.01
94-13	Diesel Storage Tank	VOC	0.60	0.02
97-1	Prerinse Storage Tank	VOC	0.03	0.04
97-2	Equalization Tank	VOC	0.01	0.01
97-3	Oil/Water Separation	VOC	0.09	0.09

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
97-4	Waste Oil Tank	VOC	0.03	0.01
97-5	Bioreactor	VOC	0.05	0.06
97-6	Prerinse Tank Loading	VOC	0.03	0.07

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

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

(3) NO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

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

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>

PM<sub>10</sub> - particulate matter 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.

IOC-U - inorganic compounds (unspeciated)

HCl - hydrogen chloride

HF - hydrogen fluoride

HBr - hydrogen bromide

HI - hydrogen iodide

\* 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

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated November 6, 2003