

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 36475

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**
97-1	Boiler 1 (1.2 MMBtu/hr)	PM <sub>10</sub>	0.01	0.04
		SO <sub>2</sub>	0.01	0.01
		NO <sub>x</sub>	0.12	0.52
		CO	0.10	0.43
		VOC	0.01	0.04
97-2	Boiler 2 (1.2 MMBtu/hr)	PM <sub>10</sub>	0.01	0.04
		SO <sub>2</sub>	0.01	0.01
		NO <sub>x</sub>	0.12	0.52
		CO	0.10	0.43
		VOC	0.01	0.04
97-3	Wash Rack	VOC	9.66	8.70
		IOC-U	0.03	0.01
97-4	Flare	NO <sub>x</sub>	0.63	1.89
		CO	1.27	3.81
		VOC	6.32	3.32
		SO <sub>2</sub>	28.15	1.70
97-5	Diesel Tank	VOC	0.12	0.01
97-6	First Rinse Tank	VOC	0.01	0.01
97-7	Oil/Water Separator	VOC	0.01	0.01
97-9	pH Tank	VOC	0.01	0.01
97-10	Bioreactor	VOC	0.01	0.01
97-11	Clarifier	VOC	0.01	0.01
97-12	Oil Heel Tank	VOC	0.01	0.01

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Emission Source Emission Rates *		Air Contaminant		
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY**
97-13	Acid Heel Tank	IOC-U	0.01	0.01
97-15	Boiler 3 (2.1 MMBtu/hr)	PM <sub>10</sub>	0.02	0.07
		SO <sub>2</sub>	0.01	0.01
		NO <sub>x</sub>	0.21	0.90
		CO	0.17	0.76
		VOC	0.02	0.07
97-16	Equalization Tank	VOC	0.01	0.01
97-17	Sludge Tank	VOC	0.01	0.01
97-18	Diesel Recirculation Tank	VOC	0.01	0.01

- (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<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
- SO<sub>2</sub> - sulfur dioxide
- 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
- IOC-U - inorganic compounds (unspeciated)

\* 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 September 26, 2008