

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 74669

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 **
S-1	Boiler Stack	VOC	0.02	0.10
		NO <sub>x</sub>	0.41	1.80
		PM <sub>10</sub>	0.03	0.14
		SO <sub>2</sub>	0.01	0.01
		CO	0.34	1.51
S-4	Flare	VOC	12.23	4.31
		Inorganics (5)	3.47	0.37
		NO <sub>x</sub>	1.60	5.13
		CO	3.20	10.24
		SO <sub>2</sub>	22.17	3.33
		HCl	0.09	0.06
F-1	Wash Rack	VOC	17.77	3.48
		Inorganics (5)	0.25	0.02
TNK-1	Wastewater			
Tank 1	VOC		0.11	0.06
TNK-2	Wastewater Tank 2	VOC	0.11	0.06
TNK-3	Wastewater Sump	VOC	0.10	0.10
TNK-4	Oil/Water Separator	VOC	0.11	0.11
L-1	Wastewater Loading Loss	VOC	0.30	0.06
F-2	Piping Fugitives (4)	VOC	0.01	0.03

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- (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) CO - carbon monoxide  
HCl - hydrogen chloride  
NO<sub>x</sub> - total oxides of nitrogen  
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  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Inorganics - The Non-Organic Chemical Species on the Approved Chemicals Lists and Combustion Products of Chemical Species on the Approved Chemicals Lists.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

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

Dated: August 12, 2010