

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 70748

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**
F-1	Flare	CO	68.70	62.11
		NO <sub>x</sub>	18.02	15.79
		SO <sub>2</sub>	49.65	5.03
		VOC	287.49	6.83
		HCl	7.72	2.70
		Non-VOC organics	283.16	6.80
		IOC-U	95.25	1.95
WR-1 and WR-1EV	Wash Rack and Vented Wash Rack	VOC	71.89	11.59
		IOC-U	2.19	0.05
		Combined Emission Rates		
SCRUB	Scrubbers	VOC	1.42	5.73
		SO <sub>2</sub>	14.89	4.49
		IOC-U	2.62	4.93
CAU-1	Carbon Adsorption Unit	VOC	2.07	0.50
		Non-VOC organics	5.86	1.88
SWT-1	Small Solvent Wash Tank	VOC	2.01	0.41
SWT-2	Large Solvent Wash Tank	VOC	6.02	1.45
WWTanks	Wastewater Storage Tanks	VOC	0.48	0.25
L-1	Wastewater Loading	VOC	0.66	0.13
FU-1	Fugitives (4)	VOC	0.21	0.43
B-1	Boiler 1	CO	0.35	1.52
		NO <sub>x</sub>	0.15	0.66
		PM <sub>10</sub>	0.03	0.14
		SO <sub>2</sub>	0.01	0.01

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			lb/hr	TPY**
B-2	Boiler 2	VOC	0.02	
		CO	0.08	0.35
		NO <sub>x</sub>	0.32	1.42
		PM <sub>10</sub>	0.06	0.25
		SO <sub>2</sub>	0.33	1.45
		VOC	0.01	0.04
ABLST-1	Abrasive Blasting Operation	PM	2.86	4.99
		PM <sub>10</sub>	0.59	

(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) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>  
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 particulate matter 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

- HCl - hydrogen chloride  
HBr - hydrogen bromide  
IOC-U - inorganic compounds (unspeciated)  
Non-VOC organics -

as defined in 40 CFR § 51.100(s)(1)

(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

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

Dated March

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			<u>lb/hr</u>	<u>TPY**</u>

28, 2008