

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20814

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)	<u>Emission Rates*</u>	
			lbs/hr	TPY**
12	Thermal Oxidizer	Mercaptan	0.33	0.15
		VOC, other	28.10	6.96
		HCl	639.00	106.72
		PM	0.02	0.01
		SO ₂	1328.0	8.52
		CO	3.99	2.37
		NO _x	652.0	12.66
		Inorganics	8.31	0.04
13	Caustic Scrubber	VOC	0.34	0.01
		Inorganics	0.01	0.01
16	Dust Collector	PM	1.07	0.80
17	Boiler	PM	0.04	0.09
		SO ₂	0.01	0.01
		CO	0.41	0.90
		NO _x	0.49	1.07
		VOC	0.03	0.07
18	Railcar Cleaning Rack	Mercaptan	0.25	0.10
		VOC, other	361.69	2.22
		Inorganics	0.06	0.01

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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) VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code Section 101.1
 - inorganics - non-VOC compounds
 - mercaptan - any specified mercaptan in Attachment A
 - NO_x - total oxides of nitrogen
 - CO - carbon monoxide
 - HCl - hydrogen chloride
 - PM - particulate matter
 - SO₂ - sulfur dioxide

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

Hrs/day _____ Days/week _____ Weeks/year _____ or Hrs/year 8,760

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

Dated _____