

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19342

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
CEP-1	Flare	PM	<0.01	<0.01
		NO _x	0.2	0.06
		CO	16.4	3.93
		VOC**	46.1	6.0
		HCl	15.0	7.2
CEP-2	Scrubber	VOC**	8.64	6.0
CEP-3	Carbon Adsorption Unit	VOC**	2.48	3.3
CEP-4	Acid Neutralization	HCl	0.07	<0.01
		Cl ₂	0.01	<0.01
		HF	<0.01	<0.01
		phosphoric acid	<0.01	<0.01
		sulfuric acid	<0.01	<0.01
CEP-FUG	Uncontrolled Railcar Cleaning Emissions	VOC**	2.5	3.2

- (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) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter.
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
 HCl - hydrogen chloride
 Cl₂ - chlorine
 HF - hydrogen fluoride

** The total annual VOC emission rate from these four emission points shall not exceed 6.0 tons per year.

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

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

schedule:

8,760 Hrs/year

Dated_____