

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 45065

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>	
			<u>lb/hr</u>	<u>TPY</u>
SF-1	Smokeless Flare	NO _x	0.18	0.04
		CO	0.36	0.08
		VOC	0.06	0.02
PAC-1	Dilute HCl Tank	HCl	<0.01	<0.01
PAC-2	Filter Fan	VOC	0.12	0.12
PAC-3	Hopper Bagfilter	PM ₁₀	0.02	0.01
PAC-4	VOC/Mineral Oil	VOC	3.35	0.28
PAC-5	Unloading Bagfilter	PM ₁₀	0.09	0.02
PAC-6	Silo Bagfilter	PM ₁₀	0.06	0.02
PAC-7	Scale Tank Bin/Bagfilter	PM ₁₀	0.03	0.01
PAC-8	PAC Scrubber	HCl	0.03	0.03
PAC-9	High Pressure Flare	NO _x	2.66	5.76
		CO	5.31	12.47
		VOC	5.92	13.27
PAC-10	Low Pressure Flare	NO _x	0.13	0.15
		CO	1.13	1.32
		VOC	0.80	0.34
PAC-11	Boiler	NO _x	0.70	3.06
		PM ₁₀	0.01	0.03
		CO	0.18	0.77
		VOC	0.01	0.06
		SO ₂	<0.01	0.01
PAC-FUG	Fugitives (4)	VOC	0.06	0.24

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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)
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀
 - PM₁₀ - 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.
 - VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
 - HCl - hydrochloric acid
 - (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 maximum operating schedules represented in the permit application of July 17, 2000.

Dated _____