

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 39693

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
SMR STK	Reformer Furnace Stack	CO	19.22	84.2
		NO _x	71.66	77.4
		PM ₁₀	15.32	67.1
		SO ₂	5.63	24.7
		VOC	2.80	12.3
		NH ₃	24.90	109.0
GT STK	Gas Turbine Stack	CO	33.26	12.6
		NO _x	19.56	7.4
		PM ₁₀	6.00	2.3
		SO ₂	0.78	0.3
		VOC	1.14	0.4
FLARE1	Flare	CO	0.043	0.2
		NO _x	0.022	0.1
		SO ₂	0.002	0.01
		VOC	0.031	0.14
H2 VENT1	Hydrogen Vent	CO	0.32	1.41
PLTFUG1	Fugitives (4)	CO	1.97	8.6
		VOC	0.70	3.1
		NH ₃	0.059	0.3
VAPDEGR	Vapor Degreaser	VOC	0.016	0.07
TANK1	500-Gallon Diesel Tank	VOC	<0.001	<0.001

(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.

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- (3) CO - carbon monoxide
NO_x - total oxides of nitrogen
PM - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter, 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.
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
NH₃ - ammonia
(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

Date June 13, 2000