

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19558

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>	
			lb/hr	TPY**
BDFUG	Fugitives (4)	VOC	9.00	39.20
81H2	Incinerator	CO	3.21	5.20
		NO _x	6.93	11.23
		PM	0.17	0.28
		SO ₂	0.01	0.02
		VOC	0.57	0.93
CT1	Hydrocarbons Cooling Tower	VOC	2.34	10.26
80H1	Heater	VOC	0.03	0.05
		NO _x	0.59	0.95
		CO	0.49	0.80
		PM	0.04	0.07
		SO ₂	0.01	0.01
80T13	Tank 80T13	VOC	6.21	0.06
TOTEGRP	TOTEGRP	VOC	1.95	0.08
318Z3	Flare (routine)	VOC	88.87	21.86
		NO _x	7.43	6.98
		CO	37.86	35.55
		SO ₂	0.03	0.13
318Z3	Flare (Start-Up, Shutdown Maintenance)	VOC	172.22	1.39
		NO _x	12.99	0.11
		CO	66.20	0.56
		SO ₂	0.01	0.01
ANLYZR	Analyzers	VOC	0.01	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) CO - carbon monoxide
NO_x - total oxides of nitrogen
PM - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter less than or equal to 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 the Title 30 Texas Administrative Code § 101.1
- (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 24 Days/week 7 Weeks/year 52

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

Dated March 24, 2005