

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 79149

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 Rates * ____	Source	Air Contaminant	Emission	
Point No. (1)	Name (2)			
Name (3)	lb/hr	TPY **		
2-1	Open Drain Tank	VOC	0.10	0.10
3-1	Flare (Normal Operation)	CO	0.43	1.89
		H ₂ S	0.14	0.62
		NO _x	0.11	0.48
		SO ₂	14.00	61.30
		VOC	0.51	2.23
	Flare (Maintenance Operation)	CO	9.23	1.33
		H ₂ S	2.29	0.33
		NO _x	2.30	0.34
		SO ₂	228.00	32.80
		VOC	0.10	0.10
4-1	Glycol Reboiler	CO	0.15	0.64
		NO _x	0.17	0.76
		SO ₂	0.03	0.11
		PM	0.01	0.06
		VOC	0.01	0.04
4-3	Glycol Storage Tank	VOC	0.01	0.01
FE-001	Process Fugitives (4)	VOC	0.81	3.55
		H ₂ S	0.05	0.22

(1) Emission point identification - either specific equipment designation or emission point number from

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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 Title30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
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.
CO - carbon monoxide
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule: 8,760 hrs/year.
- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated
