

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 44650

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**
14	Amine Reboiler	NO _x	0.17	0.75
		CO	0.14	0.63
		VOC	0.01	0.04
		PM ₁₀	0.01	0.06
		SO ₂	0.01	0.01
15	Amine Reclaimer	NO _x	0.07	0.32
		CO	0.06	0.27
		VOC	0.01	0.02
		PM ₁₀	0.01	0.02
		SO ₂	0.01	0.01
16	Acid Gas Flare (Pilot Gas Combustion)	NO _x	0.01	0.05
		CO	0.09	0.36
		VOC	0.01	0.01
		SO ₂	0.01	0.01
		H ₂ S	0.01	0.01
	Acid Gas Flare (Acid Gas Combustion During Scheduled Maintenance)	NO _x	0.08	0.01
		CO	0.64	0.04
		VOC	0.10	0.01
		SO ₂	149.02	9.54
		H ₂ S	1.59	0.10
17	Emergency Flare (Pilot Gas Combustion)	NO _x	0.01	0.04
		CO	0.09	0.37
		VOC	0.01	0.01
		SO ₂	0.01	0.01
18	Amine System Fugitives (4)	VOC	2.00	8.75
		H ₂ S	0.03	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
FUGINJ	Acid Gas Injection Equipment Fugitives (4)	VOC	0.01	0.03
		H ₂ S	0.09	0.38

- (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 area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code Section 101.1
- 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
- H₂S - hydrogen sulfide
- (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/year 8,760

** Compliance with the annual limits shall be determined on a 12-month rolling basis.

Dated_____