

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 8986

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**
COMP1	Compressor No. 1	NO _x	3.22	14.10
		CO 4.83	21.15	
		VOC 0.01	0.03	
		SO ₂ 0.01	0.03	
		PM ₁₀ 1.92	8.40	
THERMOX	Thermal Oxidizer	NO _x	3.95	17.30
		CO 23.62	103.46	
		VOC 0.16	0.68	
		SO ₂ 37.63	164.82	
		PM ₁₀ 0.17	0.73	
BOILAVT	Boiler A	H ₂ S	0.60	2.63
		NO _x	2.92	12.79
		CO 2.45	10.74	
		VOC 0.70	0.70	
		SO ₂ 0.02	0.08	
BOILBVT	Boiler B	PM ₁₀ 0.22	0.97	
		NO _x	2.92	12.79
		CO 2.45	10.74	
		VOC 0.70	0.70	
		SO ₂ 0.02	0.08	
SCOTVT	SCOT Boiler	PM ₁₀ 0.22	0.97	
		NO _x	0.98	4.29
		CO 0.82	3.61	
		VOC 0.05	0.24	
		SO ₂ 0.01	0.03	
		PM ₁₀ 0.07	0.33	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
GLYREBVT	Glycol Reboiler No. 1	NO _x	0.15	0.66
		CO	0.13	0.55
		VOC	0.10	0.41
		SO ₂	0.01	0.01
		PM ₁₀	0.01	0.05
GLYREB1VT	Glycol Reboiler No. 2	NO _x	0.15	0.66
		CO	0.13	0.55
		VOC	0.10	0.41
		SO ₂	0.01	0.01
		PM ₁₀	0.01	0.05
FUG	Plant Fugitives (4)	VOC	1.78	7.79
		H ₂ S	0.02	0.07
FLAREVT-TANK	Condensate Tank Flare	NO _x	0.01	0.07
		CO	0.04	0.19
		VOC	0.94	1.35
		SO ₂	11.23	16.16
FLAREVT-PLANT	Emergency Plant Flare	NO _x	0.01	0.04
		CO	0.01	0.02
		VOC	0.01	0.01
		SO ₂	0.01	0.01

(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 an area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 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

H₂S - hydrogen sulfide
Permit Number 8986
Page 3

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(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

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

Dated _____