

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2351A

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
1	Inlet Gas Compressor (Centaur)	CO	6.12	22.15
		NO _x	19.36	70.09
		PM ₁₀	0.98	3.72
		SO ₂	0.02	0.08
		VOC	0.98	3.72
2	Recompressor (Centaur)	CO	3.77	14.35
		NO _x	21.04	80.06
		PM ₁₀	0.98	3.72
		SO ₂	0.02	0.08
		VOC	0.98	3.72
3	Recompressor (Centaur)	CO	3.77	14.35
		NO _x	21.04	80.06
		PM ₁₀	0.98	3.72
		SO ₂	0.02	0.08
		VOC	0.98	3.72
4	Emergency Flare	(EMERGENCY USE ONLY)		
5	Condensate Vent	VOC	7.94	2.98
6	Amine Reboiler	CO	2.14	9.36
		NO _x	3.64	15.94
		PM ₁₀	0.19	0.85
		SO ₂	0.02	0.06
		VOC	0.14	0.61
7	Acid Gas Flare	CO	0.60	2.63
		H ₂ S	0.07	0.31
		NO _x	0.21	0.91
		SO ₂	6.58	28.84
		VOC	0.01	0.02

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			lb/hr	TPY
9	Tail Gas Incinerator (5) (7)	CO	14.0	61.3
		H ₂ S	7.64	29.07
		NO _x	21.93	83.4
		PM ₁₀	0.78	3.43
		SO ₂	363.3	1381.5
		SO ₃	1.91	8.36
		VOC	0.83	3.64
10	Storage Tanks 2 and 3	NaOH	< 0.01	< 0.01
		VOC	< 0.01	< 0.01
11	Line Heater (6)	CO	0.12	0.54
		NO _x	0.15	0.65
		PM ₁₀	0.01	0.05
		SO ₂	< 0.01	< 0.01
12	Ajax Compressor (140 horsepower)	CO	0.43	1.88
		NO _x	3.36	14.72
		PM ₁₀	1.35	5.91
		SO ₂	< 0.01	< 0.01
		VOC	1.35	5.91
13	Caterpillar 3516	CO	4.78	20.96
		NO _x	4.31	18.86
		VOC	2.79	12.2
		PM ₁₀	0.38	1.68
14	Caterpillar 3516	CO	4.78	20.96
		NO _x	4.31	18.86
		VOC	2.79	12.2
		PM ₁₀	0.38	1.68
15	Glycol Dehydrator Reboiler	CO	0.16	0.72
		NO _x	0.20	0.88
		VOC	0.54	2.36
		PM ₁₀	0.02	0.11
FUG	Fugitives (4)	H ₂ S	1.37	6.01

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			lb/hr	TPY
		VOC	3.82	16.75
FUG2	1997 Project Fugitives	VOC	0.11	0.47
FUG3	RLS Project Fugitives	VOC	0.05	0.2

- (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) PM₁₀ - particulate matter (PM) less than 10 microns in diameter.
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
SO₃ - sulfur trioxide
CO - carbon monoxide
NaOH - sodium hydroxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

The individual tons per year (TPY) emission rates for each storage tank may be exceeded by such tank so long as the aggregate emissions from all storage tanks do not exceed 145.96 TPY.

- * 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 or Hrs/year ____

Dated October 24, 2000