

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9824A

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	Flare	CO	0.74	0.53
		NO _x	0.17	0.11
		SO ₂	326.7	117.6
		VOC	0.10	0.05
2	Process Flare	CO	0.20	0.86
		NO _x	0.10	0.43
		SO ₂	0.01	0.01
		VOC	0.48	2.10
4	3516 Engine No. 1	CO	5.41	23.7
		NO _x	4.62	20.2
		VOC	1.26	5.5
10	Amine Reboiler	CO	0.55	2.39
		NO _x	0.65	2.84
		PM ₁₀	0.05	0.22
		SO ₂	0.01	0.02
		VOC	0.01	0.01
11	TEG Reboiler	CO	0.02	0.1
		NO _x	0.11	0.5
		PM ₁₀	0.01	0.05
		SO ₂	<0.01	<0.01
		VOC	<0.01	<0.01
12	3516 Engine No. 2	CO	5.41	23.7
		NO _x	4.62	20.2
		VOC	1.26	5.5
13	3516 Engine No. 3	CO	5.41	23.7
		NO _x	4.62	20.2
		VOC	1.26	5.5

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates **	
			lb/hr	TPY
20	Dehydrator Heater	CO	0.02	0.07
		NO _x	0.08	0.33
		PM ₁₀	<0.01	0.04
		SO ₂	<0.01	<0.01
		VOC	<0.01	<0.01
21	SRU Incinerator	CO	0.03	0.14
		NO _x	0.2	0.72
		PM ₁₀	0.02	0.10
		SO ₂	67.13	294.0
		VOC	<0.01	0.02
23	Ajax DPC-360 Engine	CO	0.77	3.34
		NO _x	3.82	16.71
		VOC	0.01	0.04
22	Process Fugitives (4)	H ₂ S	0.23	0.99
		VOC	5.28	23.1
23b	Ajax DPC-360 Engine	H ₂ S	0.16	0.70
	Process Fugitives (4)	VOC	0.12	0.53

- (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
H₂S - hydrogen sulfide
NO_x - total oxides of nitrogen
PM₁₀ - particulate matter less than 10 microns in diameter
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 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/year 8,760

Dated October 20, 2000