

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6630A

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	Amine Reboiler Flue Gas	NO _x	0.30	0.90
		CO	0.10	0.40
2	Amine Regenerator Overhead	VOC	0.50	2.00
		H ₂ S	0.50	2.30
3	Dryer Regenerator Flue Gas	NO _x	0.30	1.10
		CO	0.21	0.94
4	CM-11.01A Compressor Engine Exhaust	NO _x	24.87	108.93
		CO	5.91	25.89
		VOC	0.62	2.72
		PM ₁₀	0.50	2.19
5	CM-11.01B Compressor Engine Exhaust	NO _x	25.57	112.00
		CO	6.07	26.59
		VOC	0.64	2.80
		PM ₁₀	0.51	2.23
6	Fugitive Emissions - Ethane Recovery Plant (4)	VOC	14.61	64.00
14	Cisco Compressor C-3 Exhaust	NO _x	3.95	17.30
		CO	5.93	25.97
		VOC	0.99	4.34
		PM ₁₀	0.01	0.04
15	Fugitive Emissions - Cisco Compressor C-3 (4)	VOC	0.65	2.85

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			lb/hr	TPY **
16	Glycol Reboiler No. 2 Flue Gas	NO _x	0.12	0.52
		CO	0.13	0.57
		VOC	0.01	0.02
19	Glycol Reboiler No. 2 Overhead	VOC (5)	8.15	35.70
		Benzene	0.43	1.90
		Toluene	0.59	2.59
		Ethyl-benzene	0.07	0.32
		Xylene	0.24	1.07
20	Low Field Compressor No. 1 Exhaust	NO _x	3.57	15.64
		CO	5.36	23.48
		VOC	0.89	3.90
		PM ₁₀	0.01	0.04
21	Fugitive Emissions - Low Field Compressor No. 1 (4)	VOC	0.68	2.99
22	Slop Tank No. 1 Vent	VOC	0.67	2.93
23	Slop Tank No. 2 Vent	VOC	0.67	2.93
24	Loading Dock - Condensate	VOC	190.70	2.86
33	Loading Dock - Alternate	VOC	69.60	0.35
34	Loading Dock - Lube Oil	VOC	69.60	0.35
35	Loading Dock - Waste Oil	VOC	58.60	0.12
36	Waste Oil Tank	VOC	0.13	0.57
37	Fugitive Emissions - Tanks (4)	VOC	1.48	6.49
38	Loading Dock - Slop Tanks	VOC	221.40	5.81
39	KC West Compressor Engine Exhaust	NO _x	3.57	15.64
		CO	5.36	23.48

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			lb/hr	TPY **
		VOC	0.89	3.90
		PM ₁₀	0.01	0.04
40	Fugitive Emissions - KC West Compressor (4)	VOC	1.6	6.98
43	Field Compressor - No. 4 Waukesha L 7042-GU	NO _x	3.95	17.30
		CO	5.93	25.97
		VOC	0.99	4.34
		PM ₁₀	0.01	0.04
44	Fugitive Emissions - Field Compressor No. 4 (4)	VOC	0.20	0.92

(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) NO_x - total oxides of nitrogen

CO - carbon monoxide

PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

H₂S - hydrogen sulfide

(4) Fugitive emissions are an estimate based on component count and appropriate fugitive emission factors.

(5) Speciated pollutants listed below VOC are included in VOC emission rates.

* Emission rates are based on an operating schedule of 8,760 hours/year

** Compliance with the annual emission limits shall be based on a rolling 12-month year rather than the calendar year.

Dated _____