

## 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	CO	0.03	0.13
		NO <sub>x</sub>	0.04	0.18
		PM <sub>10</sub>	0.01	0.02
		SO <sub>2</sub>	0.01	0.01
		VOC	0.01	0.01
2	Amine Regenerator Overhead	H <sub>2</sub> S	0.50	1.95
		VOC	0.50	1.57
3	Dryer Regenerator Flue Gas	CO	0.14	0.61
		NO <sub>x</sub>	0.17	0.74
		PM <sub>10</sub>	0.02	0.06
		SO <sub>2</sub>	0.01	0.01
		VOC	0.01	0.04
4	CM-11.01A Compressor Engine Exhaust	CO	6.33	25.87
		NO <sub>x</sub>	26.63	108.92
		PM <sub>10</sub>	0.53	2.16
		SO <sub>2</sub>	0.01	0.03
		VOC	0.67	2.72
5	CM-11.01B Compressor Engine Exhaust	CO	6.49	26.60
		NO <sub>x</sub>	27.34	112.01
		PM <sub>10</sub>	0.54	2.22
		SO <sub>2</sub>	0.01	0.04
		VOC	0.68	2.80

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			lb/hr	TPY **
14	Cisco Compressor C-3 Exhaust	CO	5.93	25.96
		NO <sub>x</sub>	3.95	17.30
		PM <sub>10</sub>	0.13	0.56
		SO <sub>2</sub>	0.01	0.04
		VOC	0.99	4.33
16	Glycol Reboiler No. 2 Flue Gas	CO	0.07	0.31
		NO <sub>x</sub>	0.08	0.35
		PM <sub>10</sub>	0.01	0.04
		SO <sub>2</sub>	0.01	0.01
		VOC	0.01	0.02
19C	Glycol Reboiler No. 2 Overhead	VOC	2.97	8.44
20	Low Field Compressor No. 1 Exhaust	CO	5.93	23.46
		NO <sub>x</sub>	3.95	15.64
		PM <sub>10</sub>	0.13	0.50
		SO <sub>2</sub>	0.01	0.02
		VOC	0.99	3.91
22	Slop Tank No. 1 Vent	VOC	103.53	2.69
23	Slop Tank No. 2 Vent	VOC	103.53	2.69
36	Waste Oil Tank	VOC	23.52	0.61
38	Loading Dock - Slop Tanks	VOC	158.75	5.81
39	KC West Compressor Engine Exhaust	CO	5.93	23.46
		NO <sub>x</sub>	3.95	15.64
		PM <sub>10</sub>	0.13	0.50
		SO <sub>2</sub>	0.01	0.02
		VOC	0.99	3.91
43	Field Compressor - No. 4 Waukesha L 7042-GU	CO	5.93	25.96
		NO <sub>x</sub>	3.95	17.30

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			lb/hr	TPY **
		PM <sub>10</sub>	0.13	0.56
		SO <sub>2</sub>	0.01	0.02
		VOC	0.99	4.33
6	Fugitive Emissions - Ethane Recovery Plant (4)	VOC	2.28	9.98
6a	Fugitive Emissions (4)	VOC	0.10	0.43
15	Fugitive Emissions - Cisco Compressor C-3 (4)	VOC	0.16	0.71
21	Fugitive Emissions - Low Field Compressor No. 1 (4)	VOC	0.16	0.72
37	Tank Area Process Fugitives (4)	VOC	0.54	2.37
37a	Tank Area Process Fugitives (4)	VOC	0.26	1.14
40	Fugitive Emissions - KC West Compressor (4)	VOC	0.23	1.02
44	Fugitive Emissions - Field Compressor No. 4 (4)	VOC	0.21	0.90

(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

H<sub>2</sub>S - hydrogen sulfide

NO<sub>x</sub> - total oxides of nitrogen

PM<sub>10</sub> - particulate matter equal to or less than of 10 microns in diameter. Where PM is not listed it shall be

assumed  
that no PM  
greater than 10

microns is  
emitted.

SO<sub>2</sub> - sulfur dioxide

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

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

- \* 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

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

Dated April 13, 2006