

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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

<u>Emission</u> *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
1	Amine Reboiler Flue Gas	NO <sub>x</sub>	0.3	0.9
		CO	0.1	0.4
2	Amine Regenerator Overhead	VOC	0.5	2.0
		H <sub>2</sub> S	0.5	2.3
3	Dryer Regenerator Flue Gas	NO <sub>x</sub>	0.3	1.1
		CO	0.2	0.5
4	CM-11.01A Compressor Engine Exhaust	NO <sub>x</sub>	22.98	100.6
		CO	5.37	23.53
		PM <sub>10</sub>	0.15	0.66
		VOC	0.03	0.13
5	CM-11.01B Compressor Engine Exhaust	NO <sub>x</sub>	23.42	102.6
		CO	5.39	23.59
		PM <sub>10</sub>	0.15	0.65
		VOC	0.03	0.13
6 (4)	Fugitive Emissions - Ethane Recovery Plant	VOC	14.61	64.0
14	Cisco Compressor C-3 Exhaust	NO <sub>x</sub>	3.95	17.3
		CO	5.92	25.9
		VOC	0.01	0.02
15 (4)	Fugitive Emissions - Cisco Compressor C-3	VOC	0.65	2.85

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Emission * Point No. (1)	Source lb/hr	Air Contaminant Name (2) TPY	Emission Rates	Name
16	Glycol Reboiler No. 2 Flue Gas	NO <sub>x</sub> CO VOC	0.12 0.03 0.01	0.52 0.11 0.02
19	Glycol Reboiler No. 2 Overhead	VOC Benzene Toluene Ethyl-benzene Xylene	6.25 0.20 0.47 0.04 0.21	27.38 0.85 2.05 0.19 0.90
20	Low Field Compressor No. 1 Exhaust	NO <sub>x</sub> CO PM <sub>10</sub> VOC	1.96 2.86 0.09 <0.01	8.6 12.5 0.41 0.01
21 (4)	Fugitive Emissions - Low 2.99 Field Compressor No. 1		VOC	0.68
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 2.86		VOC	190.70
33	Loading Dock - Alternate 0.35		VOC	69.60
34	Loading Dock - Lube Oil 0.35		VOC	69.60
35	Loading Dock - Waste Oil 0.12		VOC	58.60

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36	Waste Oil Tank	VOC	0.13	0.57
37 (4)	Fugitive Emissions - Tanks 6.49	VOC		1.48
38	Loading Dock - Slop Tanks 5.81	VOC		221.40
39	KC West Compressor Engine Exhaust	NO <sub>x</sub> CO PM <sub>10</sub> VOC	3.6 3.6 <0.01 0.89	15.6 15.6 0.02 3.9
40 (4)	Fugitive Emissions - KC West Compressor	VOC	1.6	6.98

- (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<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
VOC - volatile organic compounds as defined in General Rule 101.1  
H<sub>2</sub>S - hydrogen sulfide
- (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

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Emission * Point No. (1)	Source	Air Contaminant Name (2)	<u>Emission Rates</u> Name
(3)	lb/hr	TPY	

Dated\_\_\_\_\_