

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

| Emission Point No. (1) | Source | | Air Contaminant | | Emission Rates * | |
|---------------------------|---|----------|-----------------|------------------|------------------|-------|
| | Name (2) | Name (3) | lb/hr | TPY | | |
| 1 | Amine Reboiler Flue Gas | | | NO _x | 0.3 | 0.9 |
| | | | | CO | 0.1 | 0.4 |
| 2 | Amine Regenerator Overhead | | | VOC | 0.5 | 2.0 |
| 3 | Dryer Regenerator Flue Gas | | | NO _x | 0.3 | 1.1 |
| | | | | CO | 0.2 | 0.5 |
| 4 | CM-11.01A Compressor Engine Exhaust | | | NO _x | 22.98 | 100.6 |
| | | | | CO | 5.37 | 23.53 |
| | | | | PM ₁₀ | 0.15 | 0.66 |
| | | | | VOC | 0.03 | 0.13 |
| 5 | CM-11.01B Compressor Engine Exhaust | | | NO _x | 23.42 | 102.6 |
| | | | | CO | 5.39 | 23.59 |
| | | | | PM ₁₀ | 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 _x | 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 |
| 16 | Glycol Reboiler No. 2 Flue Gas | | | NO _x | 0.12 | 0.52 |
| | | | | CO | 0.03 | 0.11 |
| | | | | VOC | 0.01 | 0.02 |

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AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | <u>Emission Rates *</u> | |
|---------------------------|-----------------------------------|-----------------------------|-------------------------|-------|
| | | | lb/hr | TPY |
| 19 | Glycol Reboiler No. 2 Overhead | VOC | 6.25 | 27.38 |
| | | Benzene | 0.20 | 0.85 |
| | | Toluene | 0.47 | 2.05 |
| | | Ethyl-benzene | 0.04 | 0.19 |
| | | Xylene | 0.21 | 0.90 |

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| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|--|-----------------------------|------------------|------|
| | | | lb/hr | TPY |
| 20 | Low Field Compressor No. 1 Exhaust | NO _x | 1.96 | 8.6 |
| | | CO | 2.86 | 12.5 |
| | | PM ₁₀ | 0.09 | 0.41 |
| | | VOC | <0.01 | 0.01 |
| 21 (4) | Fugitive Emissions - Low Field Compressor No. 1 | 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 (4) | Fugitive Emissions - Tanks | VOC | 1.48 | 6.49 |
| 38 | Loading Dock - Slop Tanks | VOC | 221.40 | 5.81 |
| 39 | KC West Compressor Engine Exhaust | NO _x | 3.6 | 15.6 |
| | | CO | 3.6 | 15.6 |
| | | PM ₁₀ | <0.01 | 0.02 |
| | | VOC | 0.89 | 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_x - total oxides of nitrogen
CO - carbon monoxide
PM₁₀ - particulate matter less than 10 microns in diameter
- VOC - volatile organic compounds as defined in General Rule 101.1

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- (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

Dated_____