

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1327A

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 |
| Green Plant | | | | |
| Flare1 | Amine Plant Flare | NO _x | 2.28 | 10.0 |
| | | SO ₂ | 109.36 | 479.0 |
| | | CO | 9.13 | 40.0 |
| | | H ₂ S | 2.05 | 9.0 |
| Fug-1 | Fugitives | VOC | 5.71 | 25.0 |
| 2 | Amine Reboiler | PM | 0.46 | 2.0 |
| | | VOC | 0.23 | 1.0 |
| | | NO _x | 2.28 | 10.0 |
| | | CO | 1.14 | 5.0 |
| 3 | Amine Reboiler | PM | 0.46 | 2.0 |
| | | VOC | 0.23 | 1.0 |
| | | NO _x | 2.28 | 10.0 |
| | | CO | 1.14 | 5.0 |
| 4 | Dehy Reboiler | PM | 0.46 | 2.0 |
| | | VOC | 0.23 | 1.0 |
| | | NO _x | 0.46 | 2.0 |
| | | CO | 0.46 | 2.0 |
| 5 | Dehy Still Vent | VOC | 7.99 | 35.0 |

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AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|--------------------|-----------------------------|------------------|------|
| | | | lb/hr | TPY |
| White Plant | | | | |
| 2 | Dehy Still Vent | VOC | 2.28 | 10.0 |
| 3 | Dehy Reboiler | PM | 0.46 | 2.0 |
| | | VOC | 0.23 | 1.0 |
| | | NO _x | 0.46 | 2.0 |
| | | CO | 0.46 | 2.0 |
| FI-4 | Emergency Flare | VOC | 0.46 | 2.0 |
| | | NO _x | 1.14 | 5.0 |
| | | CO | 4.57 | 20.0 |
| | | SO ₂ | 1.14 | 5.0 |
| TK-5 | Condensate Tank | VOC | 1.14 | 5.0 |
| Fug-1 | Fugitives | VOC | 1.14 | 5.0 |

(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) PM - particulate matter
 VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
 H₂S - hydrogen sulfide

* 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 or Hrs/year 8,760

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

Dated _____