

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6798

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<br>Point No. (1) | Source<br>Name (2)   | Air Contaminant<br>Name (3) | Emission Rates* |        |
|---------------------------|--|-----------------------------|-----------------|--------|
|                           |  |                             | lb/hr           | TPY**  |
| 2                         | 1½ Solar Centaur Turbines                                  | VOC                         | 0.05            | 0.24   |
|                           |  | NO <sub>x</sub>             | 34.80           | 140.13 |
|                           |  | CO                          | 17.25           | 25.11  |
|                           |  | SO <sub>2</sub>             | 0.11            | 0.48   |
|                           |  | PM <sub>10</sub>            | 0.34            | 1.50   |
| 3                         | 1½ Solar Centaur Turbines                                  | VOC                         | 0.05            | 0.24   |
|                           |  | NO <sub>x</sub>             | 34.80           | 140.13 |
|                           |  | CO                          | 17.25           | 25.11  |
|                           |  | SO <sub>2</sub>             | 0.11            | 0.48   |
|                           |  | PM <sub>10</sub>            | 0.34            | 1.50   |
| 4                         | ½ Solar Centaur Turbine<br>with 55 MMBtu/hr Duct<br>Burner | VOC                         | 0.09            | 0.38   |
|                           |  | NO <sub>x</sub>             | 14.30           | 58.50  |
|                           |  | CO                          | 6.40            | 11.00  |
|                           |  | SO <sub>2</sub>             | 0.04            | 0.18   |
|                           |  | PM <sub>10</sub>            | 0.42            | 1.80   |
| 5                         | ½ Solar Centaur Turbine<br>with 55 MMBtu/hr Duct<br>Burner | VOC                         | 0.09            | 0.38   |
|                           |  | NO <sub>x</sub>             | 14.30           | 58.50  |
|                           |  | CO                          | 6.40            | 11.00  |
|                           |  | SO <sub>2</sub>             | 0.04            | 0.18   |
|                           |  | PM <sub>10</sub>            | 0.42            | 1.80   |
| F3                        | Fugitives (4)  | VOC                         | 2.31            | 10.12  |
| F3A                       | Cooling Tower (4)  | VOC                         | 1.61            | 7.04   |
| FL-1                      | Main Flare Contribution                                    | NO <sub>x</sub>             | 2.00            | 8.70   |
|                           |  | CO                          | 4.00            | 17.40  |
|                           |  | VOC                         | 5.30            | 23.20  |
|                           |  | SO <sub>2</sub>             | 0.02            | 0.10   |

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide  
PM<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns in emitted.
- (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

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

Dated August 21, 2002