

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18846

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** |
| 1                         | GE LM2500 Gas Turbine | VOC                         | 3.0              | 13.1  |
|                           |                       | NO <sub>x</sub>             | 20.8             | 91.1  |
|                           |                       | SO <sub>2</sub>             | 2.8              | 12.4  |
|                           |                       | PM                          | 2.3              | 10.1  |
|                           |                       | CO                          | 104.6            | 215.0 |

- (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 an 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  
 SO<sub>2</sub> - sulfur dioxide  
 PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.  
 PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed it shall be assumed that no PM greater than 10 microns is emitted.  
 CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Pounds per hour emissions of NO<sub>x</sub> are based on maximum output, 60°F ambient temperature.
- (6) Pounds per hour emissions of CO are based on 0°F ambient temperature.
- (7) Tons per year emissions are based on base-load operation, 60°F ambient temperature.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 5,760 Hrs/year

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

Permit No. 18447  
Page 2

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

Dated November 20, 2003