EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

16840/PSD-TX-688M1

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* lbs/hr | TPY |
|---|---|---|---|---|
| 326 | 45 MW Gas Turbine (Boiler Unfired) | NOx | 146.7 | 642 |
| | | PM | 8.5 | 37 |
| | | CO | 69.6 | 305 |
| | | SO2 | 20.3 | 89 |
| | | VOC | 8.8 | 39 |
| 326 | 45 MW Gas Turbine and 205 MMBtu/hr Boiler | NOx | 171.3 | 750 |
| | | PM | 9.5 | 42 |
| | | CO | 77.7 | 341 |
| | | SO2 | 27.2 | 119 |
| | | VOC | 9.1 | 40 |
| 326** | 205 MMBtu/hr Boiler | NOx | 49.1 | 215 |
| | | PM | 2.0 | 9 |
| | | CO | 16.4 | 72 |
| | | SO2 | 13.7 | 60 |
| | | VOC | 0.6 | 3 |
| 327 | 45 MW Gas Turbine (Boiler Unfired) | NOx | 146.7 | 642 |
| | | PM | 8.5 | 37 |
| | | CO | 69.6 | 305 |
| | | SO2 | 20.3 | 89 |
| | | VOC | 8.8 | 39 |
| 327 | 45 MW Gas Turbine and 205 MMBtu/hr Boiler | NOx | 171.3 | 750 |
| | | PM | 9.5 | 42 |
| | | CO | 77.7 | 341 |
| | | SO2 | 27.2 | 119 |
| | | VOC | 9.1 | 40 |
| 327** | 205 MMBtu/hr Boiler | NOx | 49.1 | 215 |

| (Gas Turbine Unfired) | PM | 2.0 | 9 |
|---|---|---|---|
| | CO | 16.4 | 72 |
| | SO2 | 13.7 | 60 |
| | VOC | 0.6 | 3 |

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(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)   NOx - total oxides of nitrogen
       PM  - particulate matter
       CO  - carbon monoxide
       SO2 - sulfur dioxide
       VOC - volatile organic compounds as defined in General Rules 101.1.

 *    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 8760

 **   Emission based on firing 409 MMBtu/hr (emergency mode).


                                                                    Revised_____