

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2165

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**  |
| BH-2-3                    | Boiler No. 3         | NO <sub>x</sub>             | 66.00            | 105.12 |
|                           |                      | CO                          | 150.00           | 129.65 |
|                           |                      | VOC                         | 2.16             | 9.45   |
|                           |                      | PM <sub>10</sub>            | 2.98             | 13.05  |
|                           |                      | SO <sub>2</sub>             | 0.07             | 0.30   |
|                           |                      | NH <sub>3</sub>             | 0.28             | 0.01   |
|                           |                      | HCN                         | 0.45             | 0.02   |
| BH-2-4                    | Boiler No. 4         | NO <sub>x</sub>             | 25.00            | 72.76  |
|                           |                      | CO                          | 110.00           | 224.94 |
|                           |                      | VOC                         | 3.36             | 14.73  |
|                           |                      | PM <sub>10</sub>            | 4.65             | 20.35  |
|                           |                      | SO <sub>2</sub>             | 0.11             | 0.47   |
|                           |                      | NH <sub>3</sub>             | 3.61             | 15.27  |
|                           |                      | HCN                         | 0.72             | 0.22   |
| BLR/FUG                   | Boiler Fugitives (4) | CO                          | 0.08             | 0.37   |
|                           |                      | NH <sub>3</sub>             | 0.01             | 0.01   |
|                           |                      | HCN                         | 0.01             | 0.01   |

- (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<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 is emitted.
- 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  
 CO - carbon monoxide  
 NH<sub>3</sub> - ammonia  
 HCN - hydrogen cyanide

(4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable Special Conditions and permit application representations.

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

Hrs/day\_\_\_\_\_ Days/week\_\_\_\_\_ Weeks/year\_\_\_\_\_ or Hrs/year 8,760

\*\* Compliance with the annual limits is based on 12-month rolling basis.

Dated March 24, 2005