

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3080

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**  |
| 2-1                       | Unit 2 Boiler                                  | PM                          | 383              | 1,579  |
|                           |  | SO <sub>2</sub>             | 4,602            | 18,946 |
|                           |  | NO <sub>x</sub>             | 2,684            | 11,052 |
|                           |  | CO                          | 114              | 468    |
|                           |  | VOC                         | 14               | 56     |
| 2-2                       | Unit 2 Ash Handling<br>System Bin Vent         | PM                          | 0.5              | 2.2    |
| 2-2A                      | Unit 2 Ash Handling<br>System Pump A Discharge | PM                          | 0.046            | 0.2    |
| 2-2B                      | Unit 2 Ash Handling<br>System Pump B Discharge | PM                          | 0.046            | 0.2    |

- (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, 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 particulate matter greater than 10 microns is emitted.  
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1 (based on AP42 Tables 1.1-2 and 1.1-11)  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 CO - carbon monoxide (based on AP42 Tables 1.1-2 and 1.1-11)

Compliance with PM, SO<sub>2</sub>, and NO<sub>x</sub> emission rates are based upon performance tests conducted in accordance with Title 40 Code of Federal Regulations Part 60, Appendix A, and represent a 3-hour average.

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

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AIR CONTAMINANTS DATA

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

schedule:

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated February 18, 2005