

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9680

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** |
| F1                        | Primary Crusher (4)                | PM                          | 0.42             | 0.79  |
|                           |                                    | PM <sub>10</sub> 0.21       | 0.39             |       |
| F2                        | Secondary Crusher (4)              | PM                          | 0.12             | 0.22  |
|                           |                                    | PM <sub>10</sub> 0.06       | 0.11             |       |
| F3                        | Screens (4)                        | PM                          | 0.89             | 1.66  |
|                           |                                    | PM <sub>10</sub> 0.42       | 0.79             |       |
| F4                        | Material Handling (4)              | PM                          | 0.20             | 0.36  |
|                           |                                    | PM <sub>10</sub> 0.05       | 0.16             |       |
| F5                        | Stockpiles (4)                     | PM                          | -                | 3.61  |
|                           |                                    | PM <sub>10</sub> -          | 1.81             |       |
| 1                         | Diesel Engine (Deutz)              | PM                          | 0.07             | 0.13  |
|                           |                                    | NO <sub>x</sub> 1.39        | 2.60             |       |
|                           |                                    | CO 0.28                     | 0.52             |       |
|                           |                                    | VOC 0.06                    | 0.12             |       |
|                           |                                    | SO <sub>2</sub> 0.20        | 0.37             |       |
| 2                         | Diesel Engine<br>(Primary Crusher) | PM                          | 0.21             | 0.40  |
|                           |                                    | NO <sub>x</sub>             | 6.08             |       |
|                           |                                    | CO 7.53                     | 14.10            |       |
|                           |                                    | VOC 1.12                    | 2.10             |       |
|                           |                                    | SO <sub>2</sub> 0.61        | 1.15             |       |

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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 an 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.  
NO<sub>x</sub> - nitrogen oxides  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
SO<sub>2</sub> - sulfur dioxide
- (4) Fugitive emissions are an estimate only.

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

12 Hrs/day 6 Days/week 52 Weeks/year or 3,744 Hrs/year

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

Maximum Primary Crushing Rate: 350 tons/hour

Maximum Secondary Crushing Rate: 100 tons/hour

Maximum Handling Rate: 500 tons/hour

Maximum Annual Production Rate: 1,310,400 tons/year

Dated July 1, 2005