

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 55126

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** |
| EPN 1                     | H.S. Impact Crusher (4)  | PM                          | 0.07             | 0.32  |
|                           |                          | PM <sub>10</sub> 0.04       | 0.16             |       |
| EPN 2 (5)                 | Jaw Crusher (4)          | PM                          | 0.01             | 0.06  |
|                           |                          | PM <sub>10</sub> 0.01       | 0.03             |       |
| EPN 2                     | VSI Crusher (4)          | PM                          | 0.54             | 2.37  |
|                           |                          | PM <sub>10</sub> 0.27       | 1.16             |       |
| EPN 3                     | Screening Operations (4) | PM                          | 0.28             | 1.22  |
|                           |                          | PM <sub>10</sub> 0.13       | 0.58             |       |
| EPN 4                     | Engine                   | NO <sub>x</sub>             | 9.23             | 20.16 |
|                           |                          | CO                          | 9.62             |       |
|                           |                          | SO <sub>2</sub>             | 1.06             |       |
|                           |                          | VOC                         | 0.12             |       |
|                           |                          | PM                          | 2.81             |       |
|                           |                          |                             |                  |       |
| MHFUG                     | Material Handling (4)    | PM                          | 0.27             | 1.17  |
|                           |                          | PM <sub>10</sub> 0.12       | 0.52             |       |
| SPFUG                     | Stockpiles (4)           | PM                          | -                | 3.61  |
|                           |                          | PM <sub>10</sub> -          | 1.72             |       |

- (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 particulate matter greater than 10 microns is emitted.
- CO - carbon monoxide

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(4) Fugitive emissions are an estimate only.

(5) Emission Point No. (EPN) 2 and associated conveyors will not run simultaneously with EPN 1.

\* 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

Maximum Plant Production Rate: 450 tons/hour 3,942,000 tons/year

Crusher Capacities: H.S. Impact Crusher:  
tons/hour

400

Jaw Crusher:

450

tons/hour

VSI Crusher:

450

tons/hour

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

Dated October 15, 2003