Emission Sources - Maximum Allowable Emission Rates

Permit Number 80193L002

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, sources, and related activities. 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 (6) * | |
|---|---|---|---|---|
| | | | lbs/hour | TPY |
| 1 | Impact Crusher (4) | PM | 0.04 | 0.05 |
| | | $PM_{10}$ | 0.02 | 0.02 |
| 2 | Screen (4) | PM | 0.39 | 0.48 |
| | | $PM_{10}$ | 0.13 | 0.16 |
| 4 | Material Handling (4) (5) | PM | 0.16 | 0.20 |
| | | $PM_{10}$ | 0.06 | 0.08 |
| 5 | Stockpiles (4) | PM | -- | 3.23 |
| | | $PM_{10}$ | -- | 1.61 |
| 6 | Engine | CO | 0.27 | 0.33 |
| | | $NO_x$ | 12.40 | 15.48 |
| | | $PM_{10}$ | 0.88 | 1.10 |
| | | $SO_2$ | 0.82 | 1.02 |
| | | VOC | 0.97 | 1.21 |

(1) Emission point identification - either specific equipment designation or emission point number (EPN) from plot plan.
(2) Specific point source name. For fugitive sources, use area name or fugitive source name.
(3) CO - carbon monoxide
$NO_x$ - total oxides of nitrogen
PM - total particulate matter, suspended in the atmosphere, including $PM_{10}$ and $PM_{2.5}$, as represented
$PM_{10}$ - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$SO_2$ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
(4) Fugitive emissions are an estimate only.
(5) Material handling includes emissions from conveyor transfer points and material loading and unloading.
(6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

* Emission rates are based on and the facilities are limited by the following:

Emission Sources - Maximum Allowable Emission Rates

Maximum Operating Schedule:

8 Hrs/day 5 Days/week 40 Weeks/year 1,600 Hours/year.

Maximum Throughput:

175 Tons/Hr and 436,800 Tons/Year

Date: March 22, 2013