

Emission Sources - Maximum Allowable Emission Rates

Permit Number 73827L001

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* (9) | |
|---------------------------|-------------------------------------|--------------------------|---------------------|---------|
| | | | lbs/hour | TPY (4) |
| 1 | Crushing Operation (5) | PM | 0.30 | 0.31 |
| | | PM ₁₀ | 0.15 | 0.18 |
| 2 | Screening Operation (5) | PM | 0.44 | 0.55 |
| | | PM ₁₀ | 0.21 | 0.26 |
| MHLOAD | Loading/Unloading Operations (5) | PM | 0.03 | 0.04 |
| | | PM ₁₀ | 0.02 | 0.02 |
| MHFUG | Aggregate Handling (5, 6) | PM | 0.22 | 0.27 |
| | | PM ₁₀ | 0.10 | 0.12 |
| SPFUG | Stockpiles (5) | PM | -.-- | 1.03 |
| | | PM ₁₀ | -.-- | 0.51 |
| E1 | Engine No. 1 (7) | PM | 1.01 | 1.58 |
| | | PM ₁₀ | 1.01 | 1.58 |
| | | SO ₂ | 0.57 | 0.88 |
| | | NO _x | 14.26 | 22.25 |
| | | CO | 3.07 | 4.79 |
| | | VOC | 1.16 | 1.80 |
| E2 | Engine No. 2 (8) | PM | 0.77 | 1.20 |
| | | PM ₁₀ | 0.77 | 1.20 |
| | | SO ₂ | 0.43 | 0.67 |
| | | NO _x | 10.85 | 16.93 |
| | | CO | 2.34 | 3.65 |
| | | VOC | 0.88 | 1.37 |

Emission Sources - Maximum Allowable Emission Rates

- (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
 - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 - PM₁₀
 - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 - PM_{2.5}
 - particulate matter equal to or less than 2.5 microns in diameter
 - SO₂
 - sulfur dioxide
 - NO_x
 - total oxides of nitrogen
 - CO
 - carbon monoxide
 - VOC
 - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Aggregate handling emissions represent eight conveyor drops.
- (7) Diesel fired 460-horsepower engine associated with crushing operations.
- (8) Diesel fired 350-horsepower engine to supply electricity
- (9) 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 maximum operating schedule and production rates:

10 Hrs/day 6 Days/week 52 Weeks/year or 3,120 Hours/year

| | | |
|------------------|----------------------|--------------------------|
| Primary Crusher: | <u>250</u> Tons/hour | <u>624,000</u> Tons/year |
| Total Facility" | | <u>624,000</u> Tons/year |

Date: September 10, 2014