

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 31816

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 * | Source | Air Contaminant | <u>Emission Rates</u> | |
|---------------|---------------------------|------------------|-----------------------|-------|
| Point No. (1) | Name (2) | Name (3) | lb/hr | TPY |
| | Baghouse Stack | PM ₁₀ | 12.84 | 3.42 |
| | | VOC(a) | 51.70 | 13.78 |
| | | VOC(b) | 532.56 | 42.04 |
| | | NO _x | 13.50 | 3.60 |
| | | SO ₂ | 14.10 | 3.62 |
| | | CO | 14.25 | 3.80 |
| | Lime Silo Baghouse | PM ₁₀ | 0.05 | 0.02 |
| | Stockpile Fugitives (4) | TSP | | 1.40 |
| | | PM ₁₀ | | 0.68 |
| | | VOC(b) | 7.56 | 0.04 |
| | Raw Aggregate Process (4) | TSP | | 25.91 |
| | 6.30 | PM ₁₀ | 0.82 | 0.20 |

- (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) TSP - total suspended particulate matter (including PM₁₀)
 PM₁₀ - particulate matter less than 10 microns
 VOC - volatile organic compounds as defined in General Rule 101.1
 VOC(a) - mainly asphalt vapors
 VOC(b) - primarily diesel or kerosene vapors
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide

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CO - carbon monoxide
(4) Fugitive emissions.

* 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 50 Weeks/year or 3,000
Hrs/year

| <u>Production of Mix Types</u> | <u>Tons/Hour</u> | <u>Tons/Week</u> | <u>Tons/Year</u> |
|--------------------------------|------------------|------------------|------------------|
| Standard Hot Mix 200,000 | | 375 | |
| Cutback Cold Mix: 12,000 | | 150 | 1,800 |

Dated_____