

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 34528

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 Point No. (1) | Source Name (2) | Air Contaminant Name (3) | <u>Emission Rates *</u> | |
|---------------------------|--------------------------|-----------------------------|-------------------------|-------|
| | | | lb/hr | TPY |
| 1 | Baghouse Stack | PM | 11.9 | 6.79 |
| | | PM ₁₀ | 11.9 | 6.79 |
| | | VOC (a) | 20.7 | - |
| | | VOC (b) | 39.6 | - |
| | | VOC (a+b) | 39.6 | 17.45 |
| | | VOC (c) | 218.8 | 13.13 |
| | | NO _x | 12.6 | 7.20 |
| | | SO ₂ | 28.1 | 29.45 |
| | | CO | 13.3 | 7.60 |
| 2 | Lime Silo Baghouse Stack | PM | 0.1 | 0.01 |
| | | PM ₁₀ | 0.1 | 0.01 |
| 3 | Material Handling (4) | PM | 14.6 | 8.32 |
| | | PM ₁₀ | 0.5 | 0.30 |
| 4 | Stockpiles (4) | PM | - | 3.44 |
| | | PM ₁₀ | - | 1.66 |
| 5 | Cold Mix Stockpiles (4) | VOC | 0.8 | 2.63 |

(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 - particulate matter, suspended in the atmosphere, including PM₁₀

PM₁₀ - 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.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

VOC (a) - mainly asphalt vapors

VOC (b) - additional VOC due to the use of crumb rubber

VOC (a+b)- combination of VOC's from asphalt and the use of crumb rubber

VOC (c) - primarily diesel or kerosene vapors

NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

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

16 Hours/day 7 Days/week 50 Weeks/year or 5,600 Hours/year

Standard Hot Mix: 350 Tons/hour, 500,000 Tons/year

Hot Mix w/Crumb Rubber Option: 350 Tons/hour, 100,000 Tons/year

Total Hot Mix Production: 350 Tons/hour, 500,000 Tons/year

(Combination of the above but not to exceed the above limits)

Cold Mix w/Emulsion or CM-300, Road Oil, 250 Tons/hour, 2,000 Tons/week, 30,000 Tons/year

AC 1.5, AC .6, R3 Asphalt Cutback, and Sylcrete EV- Asphalt Blend

Annual Fuel Consumption: 1,386,000 gallons/year

Dated November 14, 2002