

Emission Sources - Maximum Allowable Emission Rates

Permit Number 29304

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 (5) | |
|------------------------|---------------------------------|--------------------------|--------------------|-------|
| | | | lbs/hour | TPY |
| 1 | Drum Mixer Baghouse Stack | PM | 6.90 | 2.30 |
| | | PM ₁₀ | 6.90 | 2.30 |
| | | PM _{2.5} | 6.90 | 2.30 |
| | | VOC (a) | 9.60 | 3.20 |
| | | VOC (b) | 350.00 | 35.00 |
| | | VOC (c) | 67.80 | 3.39 |
| | | NO _x | 7.80 | 2.60 |
| | | SO ₂ | 1.02 | 0.34 |
| | | CO | 39.00 | 13.00 |
| 4 | Hot Oil Heater Vent (4) | PM | 0.02 | 0.02 |
| | | PM ₁₀ | 0.02 | 0.02 |
| | | PM _{2.5} | 0.02 | 0.02 |
| | | VOC | 0.07 | 0.07 |
| | | NO _x | 1.20 | 1.20 |
| | | SO ₂ | 0.01 | 0.01 |
| | | CO | 1.01 | 1.01 |
| 5 | Lime Storage Silo Baghouse Vent | PM | 0.04 | 0.04 |
| | | PM ₁₀ | 0.04 | 0.04 |
| | | PM _{2.5} | 0.04 | 0.04 |
| 6 | Truck Loadout (4) | PM | 0.16 | 0.05 |
| | | PM ₁₀ | 0.16 | 0.05 |
| | | PM _{2.5} | 0.16 | 0.05 |
| | | VOC | 1.17 | 0.39 |
| | | CO | 0.40 | 0.13 |

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|----|--------------------------|-------------------|------|------|
| 2 | Storage Silo Filling (4) | PM | 0.15 | 0.05 |
| | | PM ₁₀ | 0.15 | 0.05 |
| | | PM _{2.5} | 0.15 | 0.05 |
| | | VOC | 2.51 | 0.84 |
| | | CO | 0.24 | 0.08 |
| 3 | Stockpiles (4) | PM | -- | 2.18 |
| | | PM ₁₀ | -- | 1.09 |
| | | PM _{2.5} | -- | 0.16 |
| | | VOC (b) | 0.32 | 0.53 |
| F1 | Material Handling (4) | PM | 0.81 | 0.13 |
| | | PM ₁₀ | 0.39 | 0.06 |
| | | PM _{2.5} | 0.06 | 0.01 |

- (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} - total particulate matter equal to or less than 2.5 microns in diameter as represented.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
VOC (a)- asphalt vapors from standard mix and fuel combustion vapors
VOC (b)- diesel or kerosene vapors from cold mix, asphalt vapors, and fuel combustion vapors
VOC (c) - vapors from a rubber modified asphalt mix and fuel combustion vapors
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: August 21, 2015