

Emission Sources - Maximum Allowable Emission Rates

Permit Number 19732

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 | |
|---------------------------|--------------------------|-----------------------------|----------------|---------|
| | | | lbs/hr | TPY (4) |
| 70 | South Calciner ESP Stack | PM | 4.04 | 17.70 |
| | | PM ₁₀ | 4.04 | 17.70 |
| | | NO _x | 7.25 | 31.76 |
| | | CO | 25.00 | 109.50 |
| | | SO ₂ | 4.13 | 18.08 |
| | | VOC | 15.00 | 40.00 |
| | | Hg | 0.01296 | 0.05675 |
| 80 | North Calciner ESP Stack | PM | 4.04 | 17.70 |
| | | PM ₁₀ | 4.04 | 17.70 |
| | | NO _x | 7.25 | 31.76 |
| | | CO | 25.00 | 109.50 |
| | | SO ₂ | 4.13 | 18.08 |
| | | VOC | 15.00 | 40.00 |
| | | Hg | 0.01296 | 0.05675 |
| 70 | South Calciner Stack (5) | PM | 8.20 | 0.06 |
| | | PM ₁₀ | 8.20 | 0.06 |
| 80 | North Calciner Stack (5) | PM | 8.20 | 0.06 |
| | | PM ₁₀ | 8.20 | 0.06 |
| 71/81* | Baghouse A | PM | 0.21 | 0.79 |
| | | PM ₁₀ | 0.21 | 0.79 |
| 72/82* | Baghouse B | PM | 0.21 | 0.79 |
| | | PM ₁₀ | 0.21 | 0.79 |
| 73/83* | Baghouse C | PM | 0.21 | 0.79 |
| | | PM ₁₀ | 0.21 | 0.79 |
| 74/84* | Baghouse D | PM | 0.21 | 0.79 |
| | | PM ₁₀ | 0.21 | 0.79 |

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| | | | | |
|--------|--------------------------|------------------|------|------|
| 75/85* | Baghouse E | PM | 0.21 | 0.79 |
| | | PM ₁₀ | 0.21 | 0.79 |
| 76/86* | Baghouse F | PM | 0.40 | 1.55 |
| | | PM ₁₀ | 0.40 | 1.55 |
| 77/87* | Baghouse G | PM | 0.28 | 1.08 |
| | | PM ₁₀ | 0.28 | 1.08 |
| 78/88* | Baghouse H | PM | 0.40 | 1.55 |
| | | PM ₁₀ | 0.40 | 1.55 |
| 79/89* | Baghouse I | PM | 0.28 | 1.08 |
| | | PM ₁₀ | 0.28 | 1.08 |
| 90 | Calciner Cooling Tower 1 | PM | 0.02 | 0.06 |
| | | PM ₁₀ | 0.02 | 0.06 |
| 90A | Calciner Cooling Tower 2 | PM | 0.02 | 0.06 |
| | | PM ₁₀ | 0.02 | 0.06 |

- (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
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
 - Hg - mercury
 - (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
 - (5) Emissions associated with maintenance and startup/shutdown activities.
- * Only one transport and collection system will operate at a time, except as specified by the special conditions.

Date: April 11, 2012