

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73387

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) | Emission Rates * | |
|---------------------------|--|-----------------------------|------------------|-------|
| | | | lb/hr | TPY** |
| BH-1 | Electric Arc Furnace No. 1 (5) | PM | 3.47 | 6.56 |
| | | PM ₁₀ | 1.12 | |
| | | VOC | 12.28 | |
| | | NO _x | 13.99 | |
| | | CO | 67.16 | |
| | | SO _x | 8.19 | |
| BH-2 | Electric Arc Furnace No. 2 (5) | PM | 3.47 | 6.56 |
| | | PM ₁₀ | 1.12 | |
| | | VOC | 12.28 | |
| | | NO _x | 13.99 | |
| | | CO | 67.16 | |
| | | SO _x | 8.19 | |
| BLDG FUG | Electric Arc Furnaces (4 and 5) No. 1 and 2 | PM | 6.31 | 11.94 |
| | | PM ₁₀ | 3.44 | |
| | | VOC | 0.76 | |
| | | NO _x | 2.62 | |
| | | CO | 4.15 | |
| | | SO _x | 0.51 | |
| MRFSTK | Mill Reheat Furnace Stack | PM | 0.96 | 3.62 |
| | | PM ₁₀ | 0.24 | |
| | | VOC | 0.69 | |
| | | NO _x | 35.33 | |
| | | CO | 10.60 | |
| | | SO _x | 0.08 | |

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|---------------------------|---|-----------------------------|------------------|-------|
| | | | lb/hr | TPY** |
| MILLFUG | Mill Billet Reheat Furnace (4) Fugitives | PM | 0.01 | 0.04 |
| | | PM ₁₀ | <0.01 | 0.01 |
| | | VOC | 0.01 | 0.03 |
| | | NO _x | 0.36 | 1.35 |
| | | CO | 0.11 | 0.40 |
| | | SO _x | <0.01 | <0.01 |

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

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

NO_x - total oxides of nitrogen

SO_x - sulfur oxides

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.

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

(5) Speciated compounds to include Cr, Ni, Pb, Mn, and Zn are included in the PM and PM₁₀ values and these values are represented in the permit application.

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

** Compliance with annual emission limits is based on a rolling 12-month period.

24 Hrs/day 7 Days/week 52 Weeks/year not to exceed 7,560 Hrs/year

Dated August 26, 2005