

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 30979

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 |
| MFS1 | Melting Furnace No. 1 | TSP | 0.065 | 0.29 |
| | | PM ₁₀ | 0.065 | 0.29 |
| | | NO _x | 0.544 | 2.38 |
| | | CO | 0.114 | 0.50 |
| | | SO ₂ | 0.003 | 0.01 |
| | | HCl | 0.106 | 0.18 |
| | | HF | 0.211 | 0.35 |
| | | VOC | 0.029 | 0.13 |
| MFS2 | Melting Furnace No. 2 | TSP | 0.065 | 0.29 |
| | | PM ₁₀ | 0.065 | 0.29 |
| | | NO _x | 0.544 | 2.38 |
| | | CO | 0.114 | 0.01 |
| | | SO ₂ | 0.003 | 0.34 |
| | | HCl | 0.106 | 0.18 |
| | | HF | 0.211 | 0.35 |
| | | VOC | 0.029 | 0.13 |
| BV1 | Building Exhaust Fan No. 1 | VOC | 0.147 | 0.65 |
| BV2 | Building Exhaust Fan No. 2 | VOC | 0.147 | 0.65 |
| BV3 | Building Exhaust Fan No. 3 | VOC | 0.147 | 0.65 |
| BV4 | Building Exhaust Fan No. 4 | VOC | 0.147 | 0.65 |

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

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- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
TSP - total suspended particulate including PM₁₀
PM₁₀ - particulate matter less than 10 micron in diameter
CO - carbon monoxide
HCl - hydrogen chloride
HF - hydrogen fluoride
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

24 Hrs/day 7 Days/week 52 Weeks/year or _____ Hrs/year

Maximum Melt Schedule: 1.25 tons/hour 10,000 tons/year

Note: Only one melting furnace to be operated at any period of time.

Dated_____