

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

20566

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 |
| FF-1 | No. 1 Melt/Hold Furnace | PM10 | 0.01 | 0.04 |
| | | NOx | 0.10 | 0.37 |
| | | CO | 0.02 | 0.08 |
| | | VOC | 0.01 | 0.03 |
| | | SO2 | <0.01 | <0.01 |
| FF-2 | No. 2 Melt/Hold Furnace | PM10 | 0.01 | 0.04 |
| | | NOx | 0.10 | 0.37 |
| | | CO | 0.02 | 0.08 |
| | | VOC | 0.01 | 0.03 |
| | | SO2 | <0.01 | <0.01 |
| FF-3 | No. 3 Melt/Hold Furnace | PM10 | 0.01 | 0.04 |
| | | NOx | 0.10 | 0.37 |
| | | CO | 0.02 | 0.08 |
| | | VOC | 0.01 | 0.03 |
| | | SO2 | <0.01 | <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) PM10 - particulate matter less than 10 microns in diameter
 NOx - total oxides of nitrogen
 CO - carbon monoxide
 VOC - volatile organic compounds as defined in General Rule 101.1
 SO2 - sulfur dioxide

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

Based on a maximum weekly throughput of 200,000 pounds and a maximum annual throughput of 5,200 tons of aluminum for all three lines.

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Revised _____