

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 34766

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
FURNSTK	Melting Furnace Stack	PM ₁₀ (4)	1.32	3.60
		SO ₂	0.03	0.07
		NO _x	1.45	3.96
		CO	29.04	79.20
		VOC	0.79	2.16
FUG	Building Fugitives (5 and 6) 0.47	PM ₁₀		0.11
		SO ₂	0.005	0.02
		NO _x	0.82	2.26
		CO	0.17	0.48
		VOC	4.30	11.86

- (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
 SO₂ - sulfur dioxide
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 VOC - volatile organic compounds as defined in General Rule 101.1
- (4) PM₁₀ may contain any of the following contaminants in quantities up to the maximum value represented by the dust analysis data in the permit application: copper/copper oxides, zinc oxide, lead oxide, nickel

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oxide, iron oxide, silicon dioxide, aluminum oxide, calcium oxide, sulfide, potassium oxide, cadmium, arsenic oxide, or antimony.

(5) Fugitives emissions are an estimate only.

(6) Emissions are from processes operated per standard exemption criteria. See Special Condition No. 5 for listing of exemptions.

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

Hrs/day 24 Days/week 6 Weeks/year 50 or Hrs/year 7,200

Maximum Average Hourly Throughput: 13.2 tons (Monthly throughput divided by hours operated during month)

Maximum Annual Throughput: 72,000 tons

Dated _____