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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
FURNSTK	Melting Furnace Stack	PM_{10} (4)	2.40	8.10
		SO_2	0.04	0.16
		NO_X	2.20	8.91
		CO	44.0	178.2
		VOC	1.20	4.86
FUG	Building Fugitives (5 and 6)	PM_{10}	0.14	0.39
		SO_2	0.007	0.02
		NO_X	0.85	2.36
		CO	0.72	2.01
		VOC	4.44	12.32

(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_{10} - particulate matter (PM) 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.
SO_2 - sulfur dioxide
NO_X - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in General Rule 101.1

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(4) PM_{10} may contain any of the following contaminates 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 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 7 Weeks/year 52 or Hrs/year 8,760

Maximum Average Hourly Throughput (Both Furnaces): 24.0 tons
(Monthly throughput divided by hours operated during month)

Maximum Annual Throughput (Both Furnaces): 162,000 tons

Dated_____