

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 51346

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
EPN	Remelt Furnace# 6 (1 each)[Lindberg/MPH] (Uncontrolled)	PM(Total)	0.16	SO ₂	0.01	0.01
				N ₂ O	0.05	0.05
				TOC	0.24	0.24
EPN	Holding Furnace #7 (1 Each) (Uncontrolled)			SO ₂	<0.01	<0.01
				N ₂ O	0.03	0.03
				PM(Total)	0.11	0.11
				TOC	0.15	0.15

- (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) TSP - total suspended particulate matter including PM₁₀
 PM₁₀ - particulate matter less than 10 microns in diameter
 VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
- (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, melt rates and die lubricant usage rates:

Hrs/day 24 Days/week 5 Weeks/year 52

Aluminum melt rates: pounds/hour 800 tons/year 2,000

Magnesium melt rates: pounds/hour 550 tons/year 1,500

Die lubricant usage rates: Al dies @ 0.85 lbs/hour 5,280 lbs/year

Mg dies @ 0.30 lbs/hour 1,870 lbs/year

Dated _____

