

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20374

This table lists the maximum allowable emission rates for all permitted sources and emission rates for exempt sources 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 rates allowed for these facilities. Any proposed increase in emission rates for permitted sources 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
001A	Aluminum Melting Furnace Stack	PM ₁₀	1.32	5.79
		VOC	0.07	0.29
		NO _x	1.68	7.36
		SO ₂	<0.01	0.03
		CO	0.71	3.11
		HF	0.02	0.09
0003A	Shredder (4)	TSP	0.88	1.98
		PM ₁₀	0.88	1.98
EP-10	Aluminum Melting Furnace Charging Well Afterburner Stack 0.03	PM ₁₀	2.15	7.90
		VOC	2.01	8.79
		HF		<0.01
		NO _x	0.14	0.60
		CO	0.03	0.13
		SO ₂	<0.01	<0.01
RECUPSTK	Original Sweat Furnace Afterburner Stack	PM ₁₀	0.31	0.96
		NO _x	2.15	6.65
		CO	<0.01	<0.01
FANSTK	Original Sweat Furnace Fugitive Baghouse Stack	PM ₁₀	0.02	0.02

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- (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
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
HF - hydrogen fluoride
TSP - total suspended particulate including PM₁₀

- (4) Fugitive emissions are an estimate only.

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

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

Aluminum Melting Furnace:	<u>2,315</u>	pounds/hour	<u>10,220</u>
tons/year			
Original Sweat Furnace:	<u>8,000</u>	pounds/hour	<u>20,420</u>
tons/year			

Dated_____