EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 37292

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
MF1	Melt Furnace Stack	PM	25.35	9.25
		PM_{10}	25.35	9.25
		VOC	0.10	0.43
		NO_x	2.95	12.90
		SO_2	0.02	0.10
		CO	1.28	5.62
		HCl	13.50	4.93
		Cl_2	0.03	0.01
		HF	19.69	4.80
SF1	Scrap Heat Furnace Stack	PM_{10}	0.03	0.12
		VOC	0.03	0.14
		NO_x	1.17	5.11
		SO_2	0.01	0.03
		CO	0.43	1.87

(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 - particulate matter, suspended in the atmosphere, including PM_{10}.

PM_{10} - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO_2 - sulfur dioxide

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CO - carbon monoxide
HCl - hydrogen chloride
Cl_2 - chlorine
HF - hydrogen fluoride

* Emission rates from natural gas products of combustion (VOC, NO_x, SO_2, and CO) are based on the following maximum operating schedule:

_____Hrs/day _____Days/week _____Weeks/year or 8,760 Hrs/year

* Emission rates for the contaminants due to aluminum melting (PM_{10}, HCl, Cl_2, and HF) at Emission Point No. MF1 are based upon and are limited to the following maximum operating schedule:

_____Hrs/day _____Days/week _____Weeks/year or 5,840 Hrs/year

Dated _____