EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6549A

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
1A	30-Ton Furnace Charging Well Baghouse	PM_{10}	1.32	0.45
2A	15-Ton Furnace Stack (4)	PM_{10}	0.12	0.53
		NO_x	0.85	3.73
		SO_2	<0.01	0.03
		CO	0.18	0.79
		VOC	0.03	0.11
		HF (4)	0.45	0.94
3	30-Ton Furnace Stack (4)	PM_{10}	0.23	1.00
		NO_x	2.29	10.00
		SO_2	<0.01	0.05
		CO	0.58	2.50
		VOC	0.05	0.20
		HF (4)	0.45	0.94
FUG	Building Fugitives	PM_{10}	<0.01	<0.01
		NO_x	0.12	0.53
		SO_2	<0.01	0.05
		CO	<0.01	<0.01
		VOC	<0.01	<0.01

(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 PM greater than 10 microns is emitted.
NO_x - total oxides of nitrogen

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SO_2 - sulfur dioxide
CO - carbon monoxide
VOC - volatile organic compounds as defined in General Rule 101.1
HF - hydrogen fluoride

(4) Emissions are based on adding 12 pounds of flux per heat and 21 heats per week. These emissions may be released from either furnace. However, total fluoride annual emissions will not be greater than the maximum allowable for each furnace.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated