

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 454A

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.

Emission Point No. (1)	Source Name (2)	Name (3)	AIR CONTAMINANTS DATA		
			Air Contaminant lb/hr TPY	Emission Rates *	
13F	Holding Furnace 9		PM10	2.40	0.60
			F	0.10	0.02
			Cl2	0.74	0.06
			HCl	6.64	0.49
			NOx	0.75	3.20
13G	Holding Furnace 10		PM10	2.60	0.60
			F	0.10	0.02
			Cl2	1.23	0.45
			HCl	8.40	1.75
			NOx	0.75	3.20
13H	Holding Furnace 11		PM10	2.60	0.60
			F	0.10	0.02
			Cl2	1.23	0.45
			HCl	8.40	1.75
			NOx	0.75	3.20
13I	Holding Furnace 12		PM10	2.40	0.60
			F	0.10	0.02
			Cl2	0.74	0.06
			HCl	6.64	0.49
			NOx	0.75	3.20
13FUG	Building Monitor (4)		HCl	2.76	0.07
			Cl2	1.80	0.25

- (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
 - F - total fluoride
 - Cl₂ - chlorine
 - HCl - hydrogen chloride
 - NO_x - oxides of nitrogen
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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- * Emission rates are based on a maximum annual usage of 45,000 pounds of chlorine and the facilities are limited by the following maximum operating schedule.
- * Emission rates are based on a maximum of six 10-minute fluxes per 60-minute period.

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

Dated _____