

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 33665

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)	<u>Emission Rates*</u>	
			lb/hr	TPY**
Area 300 Fugitives	Fugitives (4)	Cl ₂	0.34	1.47
		HCl	0.01	0.01
		NaOCl	0.01	0.01
		H ₂ SO ₄	0.18	0.88
FV 30008500	HCl Vent Scrubber	HCl	0.01	0.01
FV 32500900	Chlorine Absorption	Cl ₂	0.01	0.01
MSS FV 3250090	Chlorine Absorption (Nitrogen Purges) 0.01		Cl ₂	0.03
MSS CHA FUG	Uncontrolled Equipment Cleaning	Cl ₂	0.01	0.01
		HCl	0.01	0.01
	Instrument Clearing	Cl ₂	0.01	0.01
		HCl	0.01	0.01
	Ammonia reaction test			
		NH ₃	0.04	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) Cl₂ - chlorine
HCl - hydrogen chloride
H₂SO₄ - sulfuric acid
NH₃ - ammonia
- (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:

_____ Hrs/day _____ Days/week _____ Weeks/year or 8,760 Hrs/year

- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated June 21, 2011