

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1157C

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 Rates *		Air Contaminant	Emission	
Point No.	(1)		Name	(2)
Name (3)		lb/hr		TPY
004	Baghouse	PM ₁₀	0.02	0.06
005	Baghouse	PM ₁₀	0.01	0.04
006	Ammonia Scrubber	NH ₃	6.24	27.33
		CO	0.14	0.63
		H ₂ SO ₄	<0.01	<0.01
		(NH ₄) ₂ SO ₄	1.72	7.53
		NO _x	0.72	3.15
		HCl	0.10	0.44
		PM ₁₀	2.98	13.05
		VOC	0.06	0.25
007	Scrubber	HCl	<0.01	<0.01
		Cl ₂	<0.01	<0.01
008	Molybdenum	NO _x	0.21	0.92
		PM ₁₀	3.50	15.30
		HCl	0.03	0.13
22-03	Storage Tank	VOC	0.29	0.09
62-1-T	Storage Tank	H ₂ O ₂	0.03	0.02
F-Area 8	Fugitives (4)	VOC	0.28	1.23

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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 with an effective diameter of 10 microns or less
NO_x - total oxides of nitrogen
NH₃ - ammonia
HCl - hydrogen chloride
(NH₄)₂SO₄ - ammonium sulfate
H₂SO₄ - sulfuric acid
H₂O₂ - hydrogen peroxide
Cl₂ - chlorine
- (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 Hrs/year 8,760

Dated _____