

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9212

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
A-MH-1	Material Handling (4)		TSP		<.01	<.01
			PM ₁₀		<.01	<.01
			Cr ⁺³		0.00002	0.00001
			Cr ⁺⁶		0.0001	0.00005
			Cr _{tot}		0.00011	0.0001
301	Hydrogen Scrubber Stack		TSP		0.71	3.10
			PM ₁₀		0.64	2.80
			Cr ⁺³		0.004	0.018
			Cr ⁺⁶		0.016	0.070
			Cr _{tot}		0.020	0.088
			NaOH		0.50	2.20
302	Oxygen Scrubber Stack		TSP		1.10	4.82
			PM ₁₀		0.99	4.34
			Cr ⁺³		0.003	0.011
			Cr ⁺⁶		0.010	0.044
			Cr _{tot}		0.013	0.055
			Cl ₂		0.50	2.20
303	Product Area Dryer Stack		TSP		0.40	1.80
			PM ₁₀		0.36	3.71
			Cr ⁺³		0.004	0.018
			Cr ⁺⁶		0.016	0.07
			Cr _{tot}		0.020	0.088
A1 to Ax	Storage Tanks (4)		Cr ⁺⁶		<.001	<.001
			Cr _{tot}		<.001	<.001
A-CT-1, 2, and 3	Cooling Towers (4)		TSP		<.01	<.01
			PM ₁₀		<.01	<.01

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Cr ⁺⁶	<.001	<.001
Cr _{tot}	<.001	<.001

- (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) TSP - total suspended particulate including PM₁₀
PM₁₀ - particulate matter less than 10 microns
Cr⁺³ - trivalent chromium
Cr⁺⁶ - hexavalent chromium
NaOH - sodium hydroxide
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

Emission limits are based on the plant throughput as shown on the Material Balance Table in the confidential attachment dated January 20, 1994.

Dated _____