

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22983

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)	Name (3)	Air Contaminant lb/hr TPY	<u>Emission Rates *</u>	
PM-1	Mist Eliminator		Cr ⁺⁶	2.4E-06	7.2E-06
PM-2	Scrubber Stack		Ni	2.6E-04	7.7E-04
BM-1 and BM-2	Buffing Machine Cyclone Stacks 1 and 2		Cu	6.2E-06	1.9E-05
			Zn	7.2E-06	2.2E-05
			Pb	4.0E-08	1.2E-07
			SiO ₂	2.1E-02	6.2E-02
			TEA	6.0E-04	1.8E-03
			Octoxynol	4.0E-04	1.2E-03
			TSP	4.0E-02	1.2E-01
			PM ₁₀	4.0E-02	1.2E-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) TSP - total suspended particulate including PM₁₀
 PM₁₀ - particulate matter less than 10 microns
 Cr⁺⁶ - hexavalent chromium
 Ni - nickel
 Cu - copper
 Zn - zinc
 Pb - lead
 SiO₂ - silica
 TEA - triethanolamine

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

Hrs/day 24 Days/week 5 Weeks/year 50 or Hrs/year 6,000

A maximum of 6,000 amperes per hour and a total maximum of 36,000,000 amperes per year

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for each of the two rectifiers.