

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 24354

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		
1	Chrome Tank Hood Stack		Cr VI		<0.009	<0.0001
FUG1	Caustic Tank Heater (4) and (5)		PM		0.003	0.005
			SO2		<0.001	<0.002
			NOX		0.095	0.148
			CO		<0.009	0.013
			VOC		<0.004	0.006
FUG2	Electroplating Tanks (4)		See Note 6			
FUG3	Polishing Operation (4)		See Note 7			

- (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) PM - particulate matter
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
Cr VI- Hexavalent Chromium
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions from operation registered under criteria of Standard Exemption No. 7.
- (6) Emissions include trace levels of various compounds from the conduct of nickel, brass, copper, silver, and gold electroplating operations registered under criteria of Standard Exemption No. 41.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (7) Emissions include trace levels of metal particulate from polishing operations registered under Standard Exemption No. 40.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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

Hrs/day 10 Days/week 6 Weeks/year 52 or Hrs/year 3,120

Chrome Plating: Maximum Amperes-800

Maximum Plating per One-Hour Period-15 minutes

Maximum Plating Hours per Year-780

Dated _____