

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 34479

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)	Emission Rates *	
			lb/hr	TPY
01	Scrubber Stack	Cr	0.00042	0.0018
FUG 1	Chrome Tanks (4)	Cr	0.000024	0.00011
FUG 2	Acid Tank Fugitives (4)	HCl	0.0046	0.021
FUG 3	Sludge Dryer (4)	PM <sub>10</sub>	0.0026	0.0112
		SO <sub>2</sub>	0.00013	0.00056
		NO <sub>x</sub>	0.0214	0.0939
		CO	0.0045	0.0197
		VOC	0.00171	0.00751

(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) Cr - Chromium VI

HCl - hydrogen chloride

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall

be assumed that no particulate matter greater than 10 microns is emitted.

SO<sub>2</sub> - sulfur dioxide

NO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds as defined in General Rule 101.1

(4) Fugitive emissions are an estimate only.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

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Page 2

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Maximum Authorized Rectifier Capacity:

Hard Chrome and Armoloy Chrome Plating - 26,000 Amperes

Decorative Chrome Plating - 1,500 Amperes

Dated\_\_\_\_\_