

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 29235

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
1	Chrome Anodize Demister Stack <0.0003	Cr		<0.0002
FUG	Building Fugitives (4)	Cr	<0.0002	0.0009
		H <sub>2</sub> SO <sub>4</sub>	0.007	0.033
		PM <sub>10</sub>	0.004	0.014
		SO <sub>2</sub>	<0.001	<0.001
		NO <sub>x</sub>	0.031	0.11
		VOC	<0.004	<0.014

(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) VOC - volatile organic compounds as defined in General Rule 101.1

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

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

PM<sub>10</sub> - particulate matter, less than 10 microns

H<sub>2</sub>SO<sub>4</sub> - sulfuric acid

Cr - chromium

(4) Fugitive emissions are an estimate only.

\* Emission rates for chromic acid anodizing are based on a maximum rectifier capacity of 600 amperes and 2,246,000 ampere-hours per year.

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			<u>lb/hr</u>	<u>TPY</u>

Emissions from the sulfuric acid anodize tanks and the three gas burners are based on operating 8,760 hours per year.

Dated \_\_\_\_\_