EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22178A

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	Scrubber No. 1 Stack	Cr	<0.0009	<0.004
2	Scrubber No. 2 Stack	Cr	<0.0001	<0.0004
3	HCl Tank Stack	HCl	<0.01	0.015
4	Nickle Plating Tank Stack (5)	$NiCl_2$	<0.0001	<0.0002
		$NiSO_4$	0.004	0.017
5	Boiler No. 1 (6) Stack	PM_{10}	0.002	<0.01
		NO_x	0.053	0.22
		CO	0.007	0.029
		SO_2	<0.0001	<0.0003
		VOC	0.002	<0.01
6	Boiler No. 2 (6) Stack	PM_{10}	0.002	<0.01
		NO_x	0.054	0.23
		CO	0.008	0.034
		SO_2	<0.0001	<0.0003
		VOC	0.002	<0.01
7	Alodine Process Tanks (4 and 5)	Cr	<0.00002	<0.00005

(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.

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(3) PM_{10} - particulate matter less than 10 microns in diameter
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
CO - carbon monoxide
Cr - Hexavalent chromium
HCl - Hydrochloric acid
$NiCl_2$ - Nickle Chloride
$NiSO_4$ - Nickle sulfate

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Emissions from process authorized by Standard Exemption No. 41

(6) Emissions from process authorized by Standard Exemption No. 7

* Emission rates are based on and the facilities are limited by a maximum rectifier capacity of 33,250 amperes and by a maximum annual operating schedule of 8,400 hours per year.

Hrs/day 24 Days/week 7 Weeks/year 50 Hours/year 8,400

Dated _____