

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 24181

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)	lb/hr	<u>Emission Rates *</u> TPY	
1	Mist Eliminator - Stack	Cr		0.0007	0.0023
2**	Mist Eliminator - Stack	Cr		0.0007	0.0023
3	Ammonia Tank (4)(5)	NH ₃		0.05	0.20
4	Nitriding (4)(5)	NH ₃		6.80	10.00
5	Spray Weld (4)(6)	PM		0.00	0.00
6	Spray Paint - Dry Filter (7)	PM ₁₀ VOC		0.14 2.10	0.028 0.41

- (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)
NH₃ - ammonia
PM - particulate matter including PM₁₀
PM₁₀ - particulate matter less than 10 microns in diameter
VOC - volatile organic compounds as defined in General Rule 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Nitriding operations exempted under Standard Exemption 57.
- (6) Spray Welding operations exempted under Standard Exemption 118.
- (7) Spray Painting operations exempted under Standard Exemption 75.

** Do not include these emission rates in total emissions authorized from this facility. This emission point reflects a back-up hood, vent and stack system designed to service the same chrome plating tanks identified at EPN-1. This emission point will only be used when the primary system is not operating.

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

Chrome Tanks 1 thru 6: 5,300 amps 6,570 hrs/yr

Chrome Tank 7: 8,000 amps 6,710 hrs/yr

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

Dated_____