

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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	Chrome Tanks 1, 2, 3, and 4 Stack	Cr	0.00049	0.0021
FUG 1	Plating Building Fugitives	Cr	<0.000013	<0.00006
		VOC	0.45	1.98
FUG 2	Abrasive Blast Building Fugitives	PM	0.14	<0.01
		PM ₁₀	0.07	<0.01
FUG 3	Sludge Dryer (4)	PM ₁₀	<0.01	0.01
		SO ₂	<0.01	<0.01
		NO _x	0.02	0.09
		CO	<0.01	0.02
		VOC	0.02	<0.01

(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
 PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 PM₁₀ - 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.

SO₂ - sulfur dioxide

NO_x - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES TABLE

- * 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

PLATING OPERATIONS: Maximum Authorized Rectifier Capacity in amperes (amps):

Hard Chrome and Armoloy Chrome Plating - 16,000 Amperes (total Amp Capacity of all rectifiers)

Decorative Chrome Plating - 4,000 Amperes (total AMP Capacity of all rectifiers)

DRY ABRASIVE BLAST ROOM CLEANING OPERATION: Abrasive Material Usage

Maximum Hourly Usage: 50 pounds; and

Maximum Annual Usage 5,200 pounds

OIL COATING PROCESS:

Oil/ Nortex SS-1020 usage limited to 1,000 gallons per year (gals/yr)

LACQUER CLEANING PROCESS

Lacquer Thinner usage limited to 500 gals/yr.

Dated November 1,
2004