

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 50438

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
1	Chrome Plating Tanks Stack (Tanks T1, T2, T3 and T4)	Cr	8.41E-05	2.44E-04
		PM	1.75E-04	7.66E-04
DRAFT				
4	Chromate Tanks (Tanks T1, T2, T3 and T4)	Cr	1.75E-04	7.66E-04
3	Heat Treatment Oven Stack	CO	0.01	0.01
		SO2	0.01	0.01
		SO2	0.01	0.01
		VOC	0.01	0.01
5	Small Metal Sprayer Cartridge Filter Exhaust Stack	CO	0.02	0.02
		Co	2.16E-06	3.36E-06
		Cr	7.20E-06	1.12E-06
		Ni	2.09E-06	3.26E-06
		NOx	0.01	0.03
		PM	0.01	0.01
		PM10	0.01	0.01
		PM2.5	0.01	0.01
		SO2	0.01	0.01
		VOC	0.10	0.15

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		W	2.45E-05	3.82E-05
6	Large Metal Sprayer Cartridge Filter Exhaust Stack	CO	0.02	0.02
		Co	3.60E-06	5.62E-06
		Cr	1.44E-06	4.50E-06
		Ni	3.60E-06	5.62E-06
		NO <sub>x</sub>	0.06	0.05
		PM	0.01	0.01
		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</sub>	0.01	0.01
		VOC	0.03	0.04

- (1) Emission reduction achieved through equipment design or emission reduction technology  
 (2) Specific point source emission reduction achieved through equipment design or emission reduction technology  
 (3) CO - carbon monoxide

- Ni - nickel  
 NO<sub>x</sub> - total oxides of nitrogen  
 PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
 PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
 PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
 SO<sub>2</sub> - sulfur dioxide  
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
 W - tungsten

- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.