

Emission Sources - Maximum Allowable Emission Rates

Permit Number 30198

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 (5)	
			lbs/hour	TPY (4)
EPCR01	Chromium Plating Line Scrubber (Chrome Tanks 1 thru 9)	PM	0.0044	0.019
		PM ₁₀	0.0044	0.019
		PM _{2.5}	0.0042	0.018
		Cr ⁺⁶	0.0021	0.0092
EP003	Evaporator Mist Eliminator Stack (Wastewater Evaporator)	Cu	4.0 E-09	5.0 E-09
		Cr ⁺⁶	4.0 E-09	5.0 E-09
		PM	0.0057	0.0059
		PM ₁₀	0.0057	0.0059
		PM _{2.5}	0.0057	0.0059
		VOC	0.0025	0.0026
		NO _x	0.0476	0.0495
		SO ₂	0.0003	0.0003
		CO	0.0100	0.0104

- (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 Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 CO - carbon monoxide
 Cu - copper
 Cr⁺⁶ - hexavalent chromium
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

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- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit and will need separate authorization unless the activity can meet conditions of 30 TAC 116.119.

Date: July 18, 2016