

^Emission Sources - Maximum Allowable Emission Rates

Permit Number 28239

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 (7)	
			lbs/hour	TPY (4)
1S2	Line 1 Chrome Scrubber Stack (Chrome Plate Electroplating Tank) (5)	PM	0.02	0.13
		PM ₁₀	0.02	0.13
		PM _{2.5}	0.02	0.13
		Cr	7.65 E-05	3.35 E-04
1S3	Line 1 Process Tanks General Scrubber Stack (6)	PM	<0.01	0.02
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
		Ni	3.39 E-03	0.01
2B1	Line 2 Process Tank Blower Stack (6)	PM	0.06	0.24
		PM ₁₀	0.06	0.24
		PM _{2.5}	0.06	0.24
		Ni	3.39 E-03	0.01
2S1	Line 2 Chrome Scrubber Stack (Chrome Plate Electroplating Tank) (5)	PM	0.03	0.11
		PM ₁₀	0.03	0.11
		PM _{2.5}	0.03	0.11
		Cr	2.41 E-04	1.05 E-03
B1	Boiler 1 Stack	NO _x	0.38	1.67
		CO	0.16	0.68
		VOC	0.01	0.06
		SO ₂	<0.01	<0.01
		PM	0.02	0.09
		PM ₁₀	0.02	0.09
		PM _{2.5}	0.02	0.09
B2	Boiler 2 Stack	NO _x	0.76	3.35
		CO	0.31	1.36

Project Number: 287222

Emission Sources - Maximum Allowable Emission Rates

		VOC	0.03	0.11
		SO ₂	<0.01	0.02
		PM	0.04	0.18
		PM ₁₀	0.04	0.18
		PM _{2.5}	0.04	0.18
BEC-1	Edge Coating Booth Stack	VOC	12.71	13.22
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
Ovens	Dryer/Cook On Oven and Burn Off Oven	NO _x	0.43	1.87
		CO	0.36	1.57
		VOC	0.02	0.10
		SO ₂	<0.01	0.01
		PM	0.03	0.14
		PM ₁₀	0.03	0.14
		PM _{2.5}	0.03	0.14
PT-1	Perma Tuff Edge Coating Booth Stack No.1	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
PT-2	Perma Tuff Edge Coating Booth Stack No 2	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
(2) Specific point 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
Cr - chrome
Ni - nickel

Emission Sources - Maximum Allowable Emission Rates

- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Cr included in the PM.
- (6) Cr, Ni, NaF, $K_4P_2O_7$, K_2O_3Si , KOH, and acid included in the PM.
- (7) 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: June 25, 2019