

Emission Sources - Maximum Allowable Emission Rates

Special Permit Number 18963

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 (6)	
			lbs/hour	TPY (4)
F1	Hardening Furnace 1 and Tempering Furnace 1 Stack	VOC	0.25	0.96
		CO	0.90	3.95
F2	Hardening Furnace 2 and Tempering Furnace 2 Stack	VOC	0.25	0.96
		CO	0.90	3.95
F3	Hardening Furnace 3 and Tempering Furnace 3 Stack	VOC	0.25	0.96
		CO	0.90	3.95
S13	Parts Stripping Acid Tank Wet Scrubber Stack	HCl	<0.002	0.007
S14-1	Pre-Treatment Tank Wet Scrubber Stack	HCl	0.033	1.45
S16	Chromium Plating Tank Line1 Scrubber Stack	Chromic Acid	<0.00003	0.00013
		Cr ⁺⁶	<0.00002	0.00006
S17	Line 1 Nickel Plating Tank Scrubber Stack	Ni	0.0013	0.006
		HCl	0.0027	0.01
S18	Chromium Plating Tank Line2 Scrubber Stack	Chromic Acid	0.00003	0.00013
		Cr ⁺⁶	0.000014	0.00006
S19	Line 2 Nickel Plating Tank Scrubber Stack	Ni	0.0013	0.006
		HCl	0.0027	0.01
FUG1	Plating Shop Fugitives (5)	Chromic Acid	0.000012	0.00005
		Cr ⁺⁶	0.00006	0.00003
		Ni	0.0001	0.0005
		HCl	0.015	0.06
FUG2	Miscellaneous Fugitives (5)	VOC	6.34	6.41

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- (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
Cr ⁺⁶ hexavalent chromium
HCl hydrochloric acid
Ni nickel
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) 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: January 23, 2017