

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number S-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. 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
F1	Hardening/Tempering Furnaces	VOC	0.25	0.96
		CO	0.90	3.95
F2	Hardening/Tempering Furnaces	VOC	0.25	0.96
		CO	0.90	3.95
F3	Hardening/Tempering Furnaces	VOC	0.25	0.96
		CO	0.90	3.95
S13	Acid Tank (Parts Stripping) Wet Scrubber Stack	HCl	<0.01	0.01
S14-1	Pretreatment Tank Wet Scrubber Stack	HCl	0.33	1.45
S-16	Line 1 Chromium Plating Scrubber Stack	Chromic Acid	<0.01	<0.01
		Cr <sup>+6</sup>	<0.01	<0.01
S-17	Line 1 Nickel Plating Scrubber Stack	Ni	<0.01	<0.01
		HCl	<0.01	0.01
S-18	Line 2 Chromium Plating Scrubber Stack	Chromic Acid	<0.01	<0.01
		Cr <sup>+6</sup>	<0.01	<0.01
S-19	Line 2 Nickel Plating Scrubber Stack	Ni	<0.01	<0.01
		HCl	<0.01	0.01
FUG1	Plating Shop Fugitives (4) Line Nos. 1 and 2	Chromic Acid	<0.01	<0.01
		Cr <sup>+6</sup>	<0.01	<0.01
		Ni	<0.01	<0.01
		HCl	0.01	0.04

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FUG2	Building Fugitives (4)	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) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>  
PM<sub>10</sub> - 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.

- CO - carbon monoxide  
Cr<sup>+6</sup> - hexavalent chromium  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
HCl - hydrochloric acid  
Ni - nickel
- (4) Fugitive emissions are an estimate only.

\* Refer to Special Condition No. 4 for production limitations and basis of emission rates

Dated August 31, 2006