

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1090

This table lists the maximum allowable emission rates for the sources of emissions authorized by this permit. The annual emission rates are for a rolling 12-consecutive-month period.

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
1 and 3	Heaters, Dryers, and Furnaces	PM ₁₀	0.78	3.35
		SO ₂	0.03	0.13
		NO _x	5.59	24.50
		CO	1.48	6.47
		VOC	2.95	9.67
2	Steel Shot Blasting	PM ₁₀	0.60	2.62
4A	Mechanical Plating	VOC	0.06	0.11
		HCl	0.07	0.05
4B	Mechanical Plating	VOC	0.06	0.11
		HCl	0.07	0.05
5	Dichromate Coating	HNO ₃	0.01	0.01
		HF	0.01	0.01
7A	Latex Paint Operation	VOC	4.63	4.41
7B	Dip/Spin Operation	VOC	1.12	6.70
7C	Paint Spray Booth	VOC	4.56	1.6
		PM	0.02	0.01
7D	Mixing/Clean-Up Booth	VOC	3.37	1.75
8	Wastewater Treatment	SO ₂	0.28	0.20
9A	Electroplating	HCl	0.04	0.16
9B	Electroplating	HCl	1.28	5.64
		NH ₃	0.01	0.03
		Zinc	0.01	0.01
		VOC	0.29	1.26
		HNO ₃	0.01	0.01

Permit No. 1090
Page 2

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
10A	Chromate Solution Dryer	SO ₂	0.01	0.01
		NO _x	0.08	0.35
		CO	0.02	0.07
		VOC	0.83	0.19
		PM	0.01	0.04
		HNO ₃	0.21	0.05
10B	Chromate Solution Dryer	SO ₂	0.01	0.01
		NO _x	0.08	0.35
		CO	0.02	0.07
		VOC	0.83	0.19
		PM	0.01	0.04
		HNO ₃	0.21	0.05
13	Dip/Spin Operation No. 2	VOC	1.86	8.37
F1	General Maintenance	VOC	40.37	4.20
F2	HCl Storage Tank	HCl	0.04	0.32
F3	Research and Development	VOC	2.00	0.50
F4	Degreasers (13 Safety Kleen)	VOC	15.0	4.75
F5	Dip/Spin Operation	VOC	0.74	4.46

(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.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
- SO₂ - sulfur dioxide
NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
HCl - hydrogen chloride
HF - hydrogen fluoride
HNO₃ - nitric acid
NH₃ - ammonia

Dated _____