

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1090

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 *	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>
1, 3	Heaters, Dryers, Furnaces (4)	PM ₁₀	0.60	2.60
		SO ₂	0.05	0.24
		NO _x	9.36	41.00
		CO	2.05	9.00
		VOC	0.06	0.19
2	Steel Shot Blasting	PM ₁₀	0.60	2.62
4A	Mechanical Plating	NO _x	0.21	0.30
		HCl	0.27	0.53
4B	Mechanical Plating	NO _x	0.21	0.30
		HCl	0.27	0.53
5	Dichromate Coating	NO _x	0.42	0.30
		HF	0.01	0.01
7A	Wax Operation (4)	VOC ₂	2.00	0.50
		VOC ₃	6.00	2.41
7B	Wax Operation (4)	VOC ₂	2.00	0.50
		VOC ₃	6.00	3.20
8	Wastewater Treatment	SO ₂	0.28	0.20
9A	Electroplating	HCl	0.14	0.27
9B	Electroplating	HCl	0.14	0.27
F1	General Maintenance (4)	VOC		12.00
	2.00			
F2	HCl Storage Tank (4)	HCl	0.04	0.32

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

F3	Research and	VOC ₁	2.00	0.50
		Development (4)		

- (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) 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 General Rule 101.1
 - HCl - hydrogen chloride
 - HF - hydrogen fluoride
 - VOC₁ - 1, 1, 1 - trichloroethane
 - VOC₂ - MEK/Cyclohexanone
 - VOC₃ - Butyl cellusolve
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated _____