

## 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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY	
1	Heaters/Dryers	PM <sub>10</sub>	0.12	0.36	
		SO <sub>2</sub>	0.01	0.04	
		NO <sub>x</sub>	2.40	7.20	
		CO	0.48	1.44	
		VOC	0.06	0.19	
4A	Mechanical plating	NO <sub>x</sub>	0.21	0.05	
		HCl	0.20	0.50	
4B	Mechanical plating	NO <sub>x</sub>	0.21	0.50	
		HCl	0.20	0.50	
5	Dichromate coating	NO <sub>x</sub>	0.42	0.09	
		HF	0.01	0.01	
7	Wax operation (4)	VOC1	1.00	0.25	
		VOC2	2.00	0.50	
		VOC3	3.00	3.00	
8	Waste water treatment	SO <sub>2</sub>	0.14	0.06	
F1	General maintenance (4)	VOC	12.00	1.00	

- (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<sub>10</sub> - particulate matter less than 10 microns in diameter  
VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
VOC1 - 1,1,1 - trichloroethane  
VOC2 - MEK/Cyclohexanone/PM Acetate  
VOC3 - butyl cellusolve

HCl - hydrogen chloride

HF - hydrogen fluoride

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- (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 8,736

Dated \_\_\_\_\_