

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17473

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

<u>Emission Rates *</u> Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission</u>	
			lb/hr	TPY
EPN 1F	Scribe Area (4)	PM ₁₀	0.02	0.05
EPN 2**	Fabrifilm and G-4	VOC	22.51	35.86
	Spray Booths, Methyl	PM ₁₀	0.30	0.74
	Ethyl Ketone (MEK)	PCE	0.05	0.12
	Table - Stack			
	MEK Scribe Vent	PM ₁₀	0.10	0.24
EPN 3	"Old Line" and G-4 Anodizing-Stack	PM ₁₀	0.024	0.06
EPN 4	Vertical and Horizontal Dip		VOC	0.23
	0.56			
	Tank, Spray Mask, Adsorber		PCE	1.22
	3.04			
	Water Tank, Mask Recycle Tank - Stack			
EPN 6	Chemical Mill - Stack	PM ₁₀	0.006	0.02
EPN 6F	Chemical Mill (4)	PM ₁₀	0.03	0.08
EPN 7F	Aluminum Chem Mill (4)	PM ₁₀	0.03	0.08
EPN 8F	"Old Line" Anodize (4)	Cr	<0.001	<0.001
EPN 9F	G-4 Anodize (4)	Cr	<0.001	<0.001

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EPN 10F	"Old Line" Etch Tank (4)	PM ₁₀	0.03	0.08
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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 General Rule 101.1
PM₁₀ - particulate matter less than 10 microns in diameter
PCE - perchloroethylene
Cr - chromium
- (4) Fugitive emissions are an estimate only.

** These emission rates shall not be exceeded either during simultaneous operations of both booths or during the operation of one booth.

* Emission rates of speciated metals and compounds are found in applicants Table 1(a) dated September 9, 1993.

* Emission rates are based on, and the facilities are limited to, the maximum operating schedule:

Vertical Dip Tank		5,000 hrs/yr
Horizontal Dip Tank/Spray Mask Area	5,000 hrs/yr	
Fabrifilm Spray Booth	890 hrs/yr	
G-4 Spray Booth		3,350 hrs/yr
G-4 Anodizing Tank	4,940 hrs/yr	
"Old-line" Anodizing Tank	5,000 hrs/yr	

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

Dated _____