

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)	Acetic Acid	0.02	0.01
		MEK	0.62	0.07
		Acetone	0.62	0.07
EPN 2**	Fabrifilm, G-4 North and G-4 South Spray Booths, and 0.74 Stack	VOC	23.14	35.91
		PM ₁₀		0.30
		Perc	2.10	2.70
		Naphtha	0.21	0.26
		Xylene	0.06	0.08
EPN 3	"Old-Line" and G-4 Anodizing-Stack	PM ₁₀	0.02	0.06
EPN 4	Vertical and Horizontal Dip Tank, Spray Mask, Adsorber 23.18 Water Tank, and Mask Recycle 2.24 Tank - CAS Stack	VOC	0.23	0.56
		Perc		7.92
		Naphtha		0.76
		Xylene	0.23	0.65
		MEK	0.02	0.01
		Acetone	0.02	0.01
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

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EPN 8F	"Old-Line" Anodize (4)	Cr	<0.001	<0.001
EPN 9F	G-4 Anodize (4)	Cr	<0.001	<0.001
EPN 10F	"Old-Line" Etch Tank (4)	PM ₁₀	0.03	0.08

(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 30 TAC Section 101.1

PM₁₀ - particulate matter (PM) 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.

Perc - perchloroethylene

Cr - chromium

MEK - methyl ethyl ketone

(4) Fugitive emissions are an estimate only.

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

* Emission rates of speciated metals and compounds are found in applicant's 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 North and South 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

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Dated _____