

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18478

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)	<u>Emission Rates</u> *	
			<u>lb/hr</u>	TPY

#### PAINT HANGER EMISSION POINTS

121	Paint Area	VOC	36.00	13.88
		PM	1.00	1.00
121-2	Paint Booth	VOC	5.00	0.03
121-3	Boilers	POC	3.10	1.14
121-4	Paint Mixing	VOC	3.76	0.28

#### DEPAINT HANGER EMISSION POINTS

DPT-A	Hanger Stack A	MC	18.24	7.00
		VOC	18.14	0.42
DPT-B	Hanger Stack B	MC	18.24	7.00
		VOC	18.14	0.42
DPT-PB1	Paint Booth Stack	VOC	2.56	0.68
		PM	0.03	0.01
DPT-PB2	Paint Booth Stack	VOC	2.56	0.68
		PM	0.03	0.01
B1	Boiler Stack	POC	5.39	16.17

#### CHROMIUM ANODIZING LINE EMISSION POINT

B116-1	Chromium Anodizing Line	Cr	0.00057	0.0025
	Scrubber Stack	Ni	0.00011	0.0005
		HNO <sub>3</sub>	<0.00100	<0.0010
		H <sub>2</sub> SO <sub>4</sub>	<0.00100	<0.0010
		HF	<0.00100	<0.0010
		NaOH	0.00240	0.0110

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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) PM - particulate matter  
MC - methylene chloride  
VOC - volatile organic compounds as defined in General Rule 101.1  
POC - products of combustion of natural gas  
Cr - chromium  
Ni - nickel  
HNO<sub>3</sub> - nitric acid  
H<sub>2</sub>SO<sub>4</sub> - sulfuric acid  
HF - hydrofluoric acid  
NaOH - sodium hydroxide

- \* Hourly emission rates for the chromium anodizing line are based on and the facilities are limited by a maximum of 500 amperes. Additionally, 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

- \* Emission rates for the paint and depaint hanger operations are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 16 Days/week 7 Weeks/year 52 or Hrs/year 6,000

Dated\_\_\_\_\_