

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18478

This table lists the maximum allowable emission rates of the sources of air contaminants covered by this permit. Annual rates are for any 12-consecutive month period.

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
PAINT HANGAR 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 HANGAR EMISSION POINTS				
DPT-A	Hangar Stack A	CH ₂ Cl ₂	18.24	7.00
		VOC	18.14	0.42
DPT-B	Hangar Stack B	CH ₂ Cl ₂	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

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

CHROMIUM ANODIZING LINE EMISSION POINT

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

BAY-10 (STRIPPING) EMISSION POINTS

BAY-10 FANS 1-7	Exhaust Fans 1-7 for Stripping 13.44	VOC	15.98
		NaOH	0.31
		NH ₄ OH	1.41
BAY-10 FAN 9	Exhaust Fans 9 for Parts 6.05 Stripping	VOC	10.55
		NaOH	0.07
		NH ₄ OH	0.93

BUILDING 116 EMISSION POINTS

B116-WIPE	Solvent Wipe	VOC	0.58	0.14
		CH ₃ COCH ₃	0.59	0.14
SB-1	Spray Booth 1	VOC	2.57	1.42
		PM	0.07	0.04
CONVEY-FUG	Conveyor Fugitives	VOC	0.65	0.36
OVEN-1	Oven 1	VOC	0.11	0.06
		POC	0.16	0.69

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
SB-2	Spray Booth 2	VOC	2.57	0.16
		PM	0.07	<0.01
OVEN-2	Oven 2	VOC	0.76	0.05
		POC	0.08	0.37
CLEAN-FUG	Gun Cleaning	VOC	0.03	0.01
		CH ₃ COCH ₃	0.02	0.01

- (1) Emission point number from plot plan.
 (2) Specific point source name.
 (3) PM - particulate matter as defined in General Rule 101.1
 CH₂Cl₂ - methylene chloride
 VOC - volatile organic compounds as defined in General Rule 101.1
 POC - products of combustion of natural gas
 Cr - chromium
 Ni - nickel
 HNO₃ - nitric acid
 H₂SO₄ - sulfuric acid
 HF - hydrofluoric acid
 NaOH - sodium hydroxide
 NH₄OH - ammonium hydroxide
 CH₃COCH₃ - acetone

* Facilities may operate:

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

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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>

Dated_____