

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
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

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AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

		NaOH	0.00240	0.0110
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BAY-10 (STRIPPING) EMISSION POINTS

BAY-10 FANS 1-7	Exhaust Fans 1-7 for Stripping 13.44	VOC	15.98	
		NaOH	0.31	0.06
		NH ₄ OH	1.41	1.18

BAY-10 FAN 9	Exhaust Fans 9 for Parts 6.05	VOC	10.55	
	Stripping	NaOH	0.07	0.03
		NH ₄ OH	0.93	0.53

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	0.60
		PM	0.07	0.02
CONVEY-FUG	Conveyor Fugitives	VOC	0.65	0.17
OVEN-1	Oven 1	VOC	0.11	0.03
		POC	0.16	0.69
SB-2	Spray Booth 2	VOC	2.57	0.07
		PM	0.07	<0.01
OVEN-2	Oven 2	VOC	0.76	0.02
		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.

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(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