

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

Paint Hangar Emission Points (Building 159)

121-1	Paint Area (Dual Exhausts)	VOC	155.4	21.38
		PM	0.5	0.12
		Inorganics	13.5	0.28
		Non-VOCs	43.4	3.91
121-2	Paint Booth	VOC	103.1	1.74
		PM	0.1	0.01
121-3	Boilers	POC	3.10	1.14
121-4	Paint Mixing	VOC	1.8	0.23

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 Emission Points

BAY-10 FANS 1-9	Exhaust Fans 1-9	VOC	272.2	21.8
		Non-VOC	25.4	13.0
		Inorganics	2.0	1.2
		PM	1.6	0.1
BAY-10 FAN 10	Exhaust Fan 10 for Parts 6.7 Stripping	VOC		28.3
		Non-VOC	19.3	8.0

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
		Inorganics	1.3	0.6
		PM	0.1	0.1
Building 116 Emission Points				
B116-WIPE	Solvent Wipe	VOC	0.58	0.14
		Acetone	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
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
		Acetone	0.02	0.01
Building 180 Emission Points				
BLDG180-EF3	Wash Prep	VOC	1.88	0.10
BLDG180-PB1	Paint Booth	VOC	3.41	1.88
		PM	0.06	0.01
GUNCLEAN	Gun Cleaning	VOC	0.01	0.05

(1) Emission point number from plot plan.

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(2) Specific point source name.

(3) PM - particulate matter as defined
in General Rule 101.1
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
Inorganics - all volatile inorganic compounds not included in the
definition of POC. This may include inorganic acids and
bases. This does not include oxides of nitrogen, sulfur
dioxide, and carbon monoxide as these are included in POC.
Non-VOC - all volatile organic compounds not included in the
definition of VOC.

* Facilities may operate:

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

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Dated_____