

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.

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 (Building No. 159)

121-1	Paint Area (Dual Exhausts)	VOC	282.0	34.80
		PM	0.4	0.15
		Inorganics	17.0	0.35
		Exempt Solvents	43.4	0.87
121-2	Paint Booth	VOC	103.8	1.81
		PM	0.1	0.01
121-3	Boilers	POC	4.0	17.60
121-4	Paint Mixing	VOC	2.6	0.40

Chromium Anodizing Line (Building No. 116)

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-No. 10

Bay-No. 10 Fan Nos. 1-9	Exhaust Fan Nos. 1-9	VOC	445.0	33.53
		Exempt Solvents	25.4	0.76
		Inorganics	26.8	1.40
		PM	0.6	0.02
Bay-No. 10 Fan 10	Exhaust Fan No. 10 for Parts Stripping	VOC	26.7	11.75
		Inorganics	1.6	0.67
		PM	0.1	0.01

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AIR CONTAMINANTS DATA

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

Building No. 116

SB-1	Spray Booth 1	VOC	7.1	1.95
		PM	0.1	0.02
Convey-fug	Conveyor Fugitives	VOC	3.3	0.90
Oven-1	Oven 1	VOC	0.6	0.15
		POC	0.2	0.69
SB-2	Spray Booth 2	VOC	7.1	1.95
		PM	0.1	0.02
Oven-2	Oven 2	VOC	3.8	1.05
		POC	0.1	0.37

Building No. 180

BLDG180-EF3	Strip and Wash	VOC	10.7	0.80
		Inorganics	0.6	0.05
BLDG180-PB1	Paint Booth	VOC	13.8	1.98
		PM	0.1	0.01

Building No. 117

B117VD	Vapor Degreaser	VOC	1.1	0.56
		Exempt Solvents	1.9	0.96

Hangar No. 150

H150B	Spray Booth	VOC	8.5	0.89
		PM	0.1	0.01

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- (1) Emission point number from plot plan.
- (2) Specific point source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter, 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.
- VOC - volatile organic compounds as defined in 30 TAC Section 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.
- Exempt Solvents - compounds or mixtures of carbon compounds excluded from definition of VOC.

* Facilities may operate 8,760 Hours/year

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Dated_____