

## 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	Source	Air Contaminant	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
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	4.7	20.69
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 <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
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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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			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

**Sitewide Solvent Wipe/Spot Cleaning**

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
H100-SC	Hangar 100	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
H101-SC	Hangar 101	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
H102-1-SC	Hangar 102 Bay 1	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
H102-2-SC	Hangar 102 Bay 2	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
H102-3-SC	Hangar 102 Bay 3	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
H102-4-SC	Hangar 102 Bay 4	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
H102-5-SC	Hangar 102 Bay 5	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
H102-6-SC	Hangar 102 Bay 6	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
H102-7-SC	Hangar 102 Bay 7	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
H102-8-SC	Hangar 102 Bay 8	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
H102-9-SC	Hangar 102 Bay 9	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
H150E-SC	Hangar 150 East	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
H150W-SC	Hangar 150W	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
H152-SC	Hangar 152	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
H154-SC	Hangar 154	VOC	0.84	0.14
		Exempt Solvents	4.22	0.67
H200-SC	Hangar 200	VOC	0.56	0.06
		Exempt Solvents	2.81	0.31
H300-SC	Hangar 300	VOC	0.56	0.06
		Exempt Solvents	2.81	0.31
H301-SC	Hangar 301	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
H302-SC	Hangar 302	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
B180N-SC	Building 180 North	VOC	0.84	0.14
		Exempt Solvents	4.22	0.67
B180S-SC	Building 180 South	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
B305-SC	Building 305	VOC	1.13	0.14
		Exempt Solvents	5.62	0.67
FL102-SC	Flight Line 102	VOC	0.56	0.06
		Exempt Solvents	2.81	0.31
FL150-SC	Flight Line 150	VOC	0.56	0.06
		Exempt Solvents	2.81	0.31
FL152-SC	Flight Line 152	VOC	0.56	0.06

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		Exempt Solvents	2.81	0.31
FL159-SC	Flight Line 159	VOC	0.56	0.06
		Exempt Solvents	2.81	0.31
FL302-SC	Flight Line 302	VOC	0.56	0.06
		Exempt Solvents	2.81	0.31
B116-SC	Building 116	VOC	0.56	0.06
		Exempt Solvents	2.81	0.31
B117-SC	Building 117	VOC	0.56	0.06
		Exempt Solvents	2.81	0.31
B105-AR	Building 105 Adhesive Removal	VOC	1.13	0.34
		Exempt Solvents	5.62	1.69

(1) Emission point number from a plot plan.

(2) Specific point source names.

(3) PM - particulate matter suspended in the atmosphere including PM<sub>10</sub>  
PM<sub>10</sub> - 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 Texas Administrative Code Section 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

Inorganics - all volatile inorganic compounds not included in the definition of POC. This may include inorganic acids and

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bases. This does not include oxides of nitrogen, sulfur dioxide, and carbon monoxide as these are included in POC.

Exempt Solvents - carbon compounds excluded from definition of VOC.

- \* Facilities may operate 8,760 hours per year.

Dated September 11, 2000