

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17973

This table lists the maximum allowable emission rates for the sources of air contaminants covered by this permit.

AIR CONTAMINANTS DATA

<u>Emission Rates</u> Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission</u>	
			lb/hr	TPY*
323A-01-STP	Paint Booth	VOC PM ₁₀		3.5 0.08
323A-01-STP (F)	Paint Booth (Fugitives)	VOC		2.2
323A-01-STP and 02-STP	Paint Booths	VOC PM ₁₀	28.9 0.45	
323A-01-STP (F) and 02-STP (F)	Paint Booths (Fugitives)	VOC	19.2	
323A-02-STP	Paint Booth	VOC PM ₁₀		6.8 0.15
323A-02-STP (F)	Paint Booth	VOC		4.5
323A-03-STP	Paint Booth	VOC PM ₁₀	12.0 0.17	8.00 0.08
323-04-STP and -05-STP 17.29		Paint Booths	VOC	48.1
		PM ₁₀	0.45	0.241
345-01-STP	Paint Booth	VOC PM ₁₀	13.8 0.13	3.11 0.042
345-02-STP	Paint Booth	VOC PM ₁₀	13.8 0.042	3.11
357-01-STP	Paint Booth	VOC PM ₁₀		3.5 0.08
360-01-STP	Paint Booth	VOC		3.6

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Emission Rates	Source	Air Contaminant	Emission	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
357-01-STP and 360-01-STP	Paint Booths	PM ₁₀		0.102
		VOC	48.1	
		PM ₁₀	0.45	
377-01-STP	Paint Booth	VOC	4.7	0.97
		PM ₁₀	0.07	0.04
377-01-STP (F)	Paint Booth (Fugitives)	VOC	3.1	0.61
407-01-STP	Paint Booth	VOC	7.8	2.5
		PM ₁₀	0.07	0.04
493-02-STF	Blast Cleaning Booth	PM ₁₀		0.122
493-03-STF	Blast Cleaning Booth	PM ₁₀		0.122
493-10-STO	Ridoline Cleaner	Misc. Vapor		0.01
		Acid Vapor		0.002
493-01-STF	Blast Cleaning Booth	PM ₁₀	0.04	0.13
493-02-STO	2 Adhesive Booths	VOC	11.95	24.0
493-03-STO	Adhesive Booth	VOC	27.39	55.0
493-01-STO	Ridoline Cleaner	Misc. Vapor		0.21
		Acid Vapor		0.034
493-11-STO	2 Drying Ovens	VOC	2.72	5.47
493-09-STO	Fluidized Bed	PM ₁₀	0.47	0.88
		CO	3.6	6.75
		NO _x	17.8	33.4
		VOC	3.9	7.3

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Emission Rates	Source	Air Contaminant	Emission	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
		SO ₂	15.5	21.6
		HCl	0.2	0.38
493-02-SVT	Mechanical Denuder	PM ₁₀	0.06	0.02
493-04-STF	Dust Collector	PM ₁₀	0.12	0.14
493-07-STO	Adhesive Primer Booth and Flash Off Oven	VOC	3.63	4.23
		PM ₁₀	<0.01	0.02
493-05-STO	Adhesive Topcoat Booth and Flash Off Oven	VOC	6.78	7.91
		PM ₁₀	0.02	0.02
493-01-STP and 01-STO (five stacks)	Paint Booth, Drying Oven, and Flash Off Area	VOC	9.95	11.61
		PM ₁₀	0.18	0.12
493-08-STO, -06-STO, and -04-STO	Adhesive Primer Booth, Adhesive Topcoat Booth, and Preheat/Curing Oven	VOC	16.08	11.61
		PM ₁₀	0.18	0.13
493-04-STO (F)	Adhesive Fugitives	VOC	0.50	0.35
591-01-STP	Paint Booth	VOC	18.0	
		PM ₁₀	0.2	
591-02-STP	Paint Booth	VOC	18.0	
		PM ₁₀	0.2	
591-03-STP	Paint Booth	VOC	18.0	
		PM ₁₀	0.2	
591-01-STP, 02-STP, and -03-STP	Paint Booths	VOC		19.2
591-04-STP	Paint Booth	VOC	4.7	0.97
		PM ₁₀	0.07	0.04

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Emission Rates	Source	Air Contaminant	Emission	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
591-04-STP (F)	Paint Booth (Fugitives)	VOC	3.1	0.61
595-01-STP	Paint Booth	VOC	7.8	0.97
		PM ₁₀	0.07	0.04
595-02-STP	Paint Booth	VOC	4.5	0.58
		PM ₁₀	0.07	0.04
595-02-STO	Drying Oven	VOC	3.1	0.37
595-04-STO	Paint Mixing Room	VOC	0.2	0.02
595-03-STP	Paint Booth	VOC	4.7	0.94
		PM ₁₀	0.07	0.04
595-03-STO	Drying Oven	VOC	3.1	0.61
595-05-STO	Paint Mixing Room	VOC	0.2	0.03
654-01-STP	Paint Booth	VOC	4.7	0.6
		PM ₁₀	0.07	0.04
654-01-STP (F)	Paint Booth (Fugitives)	VOC	3.1	0.37
939-01-STP	Paint Booth	VOC	7.8	0.97
		PM ₁₀	0.07	0.04
1116-01-STP	Paint Booth	VOC	4.7	0.6
		PM ₁₀	0.07	0.04
1116-01-STP (F)	Paint Booth (Fugitives)	VOC	3.1	0.37

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AIR CONTAMINANTS DATA				
Emission <u>Rates</u>	Source	Air Contaminant	<u>Emission</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
1122-01-STP	Paint Booth	VOC	4.7	0.6
		PM ₁₀	0.07	0.04
1122-01-STP (F)	Paint Booth (Fugitives)	VOC	3.1	0.37
1130-01-STP	Paint Booth	VOC		0.6
		PM ₁₀		0.04
1130-01-STP (F)	Paint Booth (Fugitives)	VOC		0.37
1130-02-STP	Paint Booth	VOC		0.6
		PM ₁₀		0.04
1130-02-STP (F)	Paint Booth (Fugitives)	VOC		0.37
1130-04-STP	Paint Booth	VOC		0.6
		PM ₁₀		0.04
1130-04-STP (F)	Paint Booth (Fugitives)	VOC		0.37
1130-03-STP	Paint Booth	VOC		0.6
		PM ₁₀		0.04
1130-03-STP (F)	Paint Booth (Fugitives)	VOC		0.37
1130-01,-02,-03, 04 -STP	Paint Booths (Stacks)	VOC	18.8	
		PM ₁₀	0.29	
1130-01,-02,-03, 04-STP (F)	Paint Booths (Fugitives)	VOC	12.6	
1172-01-STP	Paint Booth	VOC	4.7	0.6
		PM ₁₀	0.07	0.04
1172-01-STP (F)	Paint Booth (Fugitives)	VOC	3.1	0.37

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (1) Emission point identification.
 - (2) Specific point source name.
 - (3) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
 - PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
 - HCl - hydrogen chloride
 - STP - Stack, Paint Booth
 - SVT - Scrubber Vent
 - STF - Stack, Bag Filter, Cyclone or Dust Collector
 - STO - Stack, Other (Adhesive Booth, Fluidized Bed, Etc.)
 - (F) - Fugitive Emissions, no centralized stack or point of emission
- * Compliance with annual emission limits is based on a rolling 12-month period.

Dated August 20, 2001