

# 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

Emission Rates Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission	
			lb/hr	TPY
654-01-STP	Paint Booth	VOC	4.7	0.6
		PM <sub>10</sub>	0.07	0.013
654-01-STP (F)	Paint Booth (Fugitives)	VOC	3.1	0.37
939-01-STP	Paint Booth	VOC	7.8	0.97
		PM <sub>10</sub>	0.07	0.013
323A-02-STP	Paint Booth	VOC		6.8
		PM <sub>10</sub>		0.15
323A-02-STP (F)	Paint Booth	VOC		4.5
1116-01-STP	Paint Booth	VOC	4.7	0.6
		PM <sub>10</sub>	0.07	0.013
1116-01-STP (F)	Paint Booth (Fugitives)	VOC	3.1	0.37
1122-01-STP	Paint Booth	VOC	4.7	0.6
		PM <sub>10</sub>	0.07	0.013
1122-01-STP (F)	Paint Booth (Fugitives)	VOC	3.1	0.37
1130-01-STP	Paint Booth	VOC		0.6
		PM <sub>10</sub>		0.013
1130-01-STP (F)	Paint Booth (Fugitives)	VOC		0.37
1130-02-STP	Paint Booth	VOC		0.6
		PM <sub>10</sub>		0.013
1130-02-STP (F)	Paint Booth (Fugitives)	VOC		0.37
1130-04-STP	Paint Booth	VOC		0.6
		PM <sub>10</sub>		0.013

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Emission Rates	Source	Air Contaminant	<u>Emission</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
1130-04-STP (F)	Paint Booth (Fugitives)	VOC		0.37
1130-03-STP	Paint Booth	VOC		0.6
		PM <sub>10</sub>		0.013
1130-03-STP (F)	Paint Booth (Fugitives)	VOC		0.37
1130-01,-02,-03, 04, and -STP	Paint Booths (Stacks)	VOC	18.8	
		PM <sub>10</sub>	0.29	
	Paint Booths (Fugitives)	VOC	12.6	
1172-01-STP	Paint Booth	VOC	4.7	0.6
		PM <sub>10</sub>	0.07	0.013
1172-01-STP (F)	Paint Booth (Fugitives)	VOC	3.1	0.37
323A-03-STP	Paint Booth	VOC	12.0	8.00
		PM <sub>10</sub>	0.17	0.112
345-01-STP	Paint Booth	VOC	13.8	3.11
		PM <sub>10</sub>	0.13	0.042
345-02-STP	Paint Booth	VOC	13.8	3.11
		PM <sub>10</sub>	0.13	0.042
377-01-STP	Paint Booth	VOC	4.7	0.97
		PM <sub>10</sub>	0.07	0.021
377-01-STP (F)	Paint Booth (Fugitives)	VOC	3.1	0.61
407-01-STP	Paint Booth	VOC	7.8	2.5
		PM <sub>10</sub>	0.07	0.034

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
581-01-STP	Paint Booth	VOC	7.8	0.97
		PM <sub>10</sub>	0.07	0.013
591-04-STP	Paint Booth	VOC	4.7	0.97
		PM <sub>10</sub>	0.07	0.021
591-04-STP (F)	Paint Booth (Fugitives)	VOC	3.1	0.61
591-05-STP	Paint Booth	VOC	4.7	0.97
		PM <sub>10</sub>	0.07	0.021
591-05-STP (F)	Paint Booth (Fugitives)	VOC	3.1	0.61
595-01-STP	Paint Booth	VOC	7.8	0.97
		PM <sub>10</sub>	0.07	0.02
323-03-STP	Paint Booth	VOC		3.5
		PM <sub>10</sub>		0.08
323-03-STP (F)	Paint Booth (Fugitives)	VOC		2.2
323-02-STP and 03-STP	Paint Booths	VOC	28.9	
		PM <sub>10</sub>	0.45	
323-02-STP F and 01-STP (F)	Paint Booths (Fugitives)	VOC	19.2	
357-01-STP	Paint Booth	VOC		3.5
		PM <sub>10</sub>		0.08
360-01-STP	Paint Booth	VOC		3.6
		PM <sub>10</sub>		0.102

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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	VOC PM <sub>10</sub>	48.1 0.45	
591-01-STP	Paint Booth	VOC PM <sub>10</sub>	18.0 0.2	
591-02-STP	Paint Booth	VOC PM <sub>10</sub>	18.0 0.2	
591-03-STP	Paint Booth	VOC PM <sub>10</sub>	18.0 0.2	
591-01-STP, 02-STP, and -03-STP	Paint Booths	VOC		19.2
333-01-SVT	Vapor Scrubber***	VOC	0.52	2.3
333-02-SVT	Acid Mist Scrubber***	VOC	0.58	2.6
333-01-STP and -02-STP 21.54		Paint Booths	VOC	48.1
		PM <sub>10</sub>	0.45	0.3
323-04-STP and -05-STP 17.29		Paint Booths	VOC	48.1
		PM <sub>10</sub>	0.45	0.241
493-02-STF	Blast Cleaning Booth	PM <sub>10</sub>		0.122
493-03-STF	Blast Cleaning Booth	PM <sub>10</sub>		0.122
493-10-STO	Ridoline Cleaner	Misc. Vapor Acid Vapor		0.01 0.002

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Emission Rates Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission	
			lb/hr	TPY
493-01-STF	Blast Cleaning Booth	PM <sub>10</sub>	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 <sub>10</sub>	0.47	0.88
		CO	3.6	6.75
		NO <sub>x</sub>	17.8	33.4
		VOC	3.9	7.3
		SO <sub>2</sub>	15.5	21.6
		HCl	0.2	0.38
493-02-SVT	Mechanical Denuder	PM <sub>10</sub>	0.06	0.02
493-04-STF	Dust Collector	PM <sub>10</sub>	0.12	0.14***
493-07-STO	Adhesive Primer Booth and Flash Off Oven	VOC	3.63	4.23
		PM <sub>10</sub>	<0.01	0.02
493-05-STO	Adhesive Topcoat Booth and Flash Off Oven	VOC	6.78	7.91
		PM <sub>10</sub>	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 <sub>10</sub>	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	11.33
		PM <sub>10</sub>	0.18	0.13

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Emission Rates Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission	
			lb/hr	TPY
493-04-STO (F)	Adhesive Fugitives (4)	VOC	0.50	0.35
333-01, -02, -03, -04 -05, -06, and -07-STF	12 Dust Collectors	PM <sub>10</sub>	5.98	12.0**
410-01-FUG	Pin Strip Roto Clone	PM <sub>10</sub>	<0.2	<1.0
410-01-STO	Adhesive Spray Booth	VOC	7.14	17.0
		PM <sub>10</sub>	<0.03	0.05
410-01-STO (F)	Adhesive Spray Booth	VOC	0.79	1.88
	Fugitives (4)	PM <sub>10</sub>	<0.01	<0.01
410-1-STF	Buffing Operation	PM <sub>10</sub>	0.03	0.08
		POC	<0.1	

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name.
- (3) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
- PM<sub>10</sub> - 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<sub>x</sub> - total oxides of nitrogen
- SO<sub>2</sub> - sulfur dioxide
- CO - carbon monoxide
- HCl - hydrogen chloride
- POC - products of combustion from rubber buffing operation. For small amounts of smoke generated.

Dated July 5, 2001