

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

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			lb/hr	TPY
1130-04-STP	Paint Booth	VOC PM ₁₀		0.6 0.013
1130-04-STP (F)	Paint Booth (Fugitives)		VOC	0.37
1130-03-STP	Paint Booth	VOC PM ₁₀		0.6 0.013
1130-03-STP (F)	Paint Booth (Fugitives)		VOC	0.37
1130-01,-02,-03, -04, and -STP	Paint Booths (Stacks)	VOC PM ₁₀	18.8 0.29	
	Paint Booths (Fugitives)		VOC	12.6
1172-01-STP	Paint Booth	VOC PM ₁₀	4.7 0.07	0.6 0.013
1172-01-STP (F)	Paint Booth (Fugitives) 0.37		VOC	3.1
323A-03-STP	Paint Booth	VOC PM ₁₀	12.0 0.17	2.5 0.034
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 0.13	3.11 0.042
373-01-STP	Paint Booth	VOC PM ₁₀	7.8 0.07	1.58 0.021
377-01-STP	Paint Booth	VOC PM ₁₀	4.7 0.07	0.97 0.021
377-01-STP (F)	Paint Booth (Fugitives) 0.61		VOC	3.1

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			lb/hr	TPY
407-01-STP	Paint Booth	VOC PM ₁₀	7.8 0.07	2.5 0.034
421-01-STP	Paint Booth	VOC PM ₁₀	4.7 0.07	0.6 0.013
421-01-STP (F)	Paint Booth (Fugitives) 0.37		VOC	3.1
581-01-STP	Paint Booth	VOC PM ₁₀	7.8 0.07	0.97 0.013
591-04-STP	Paint Booth	VOC PM ₁₀	4.7 0.07	0.97 0.021
591-04-STP (F)	Paint Booth (Fugitives) 0.61		VOC	3.1
591-05-STP	Paint Booth	VOC PM ₁₀	4.7 0.07	0.97 0.021
591-05-STP (F)	Paint Booth (Fugitives) 0.61		VOC	3.1
595-01-STP	Paint Booth	VOC PM ₁₀	7.8 0.07	0.97 0.02
323-03-STP	Paint Booth	VOC PM ₁₀		3.5 0.08
323-03-STP (F)	Paint Booth (Fugitives)		VOC	2.2
323-02-STP and -03-STP	Paint Booths	VOC PM ₁₀	28.9 0.45	

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			lb/hr	TPY
323-02-STP F and -01-STP (F)	Paint Booths (Fugitives)		VOC	19.2
357-01-STP	Paint Booth	VOC PM ₁₀		3.5 0.08

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
360-01-STP	Paint Booth	VOC PM ₁₀		2.3 0.08
357-01-STP and 360-01-STP	Paint Booths	VOC PM ₁₀	48.1 0.45	
333 -01-STP, -02-STP, and -03-STP	Paint Booths 0.03	VOC	36.1 PM ₁₀	17.3 0.34
591-01-STP	Paint Booth	VOC PM ₁₀	18.0 0.2	
591-02-STP	Paint Booth	VOC PM ₁₀	18.0 0.2	
591-03-STP	Paint Booth	VOC PM ₁₀	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		Paint Booths	VOC	48.1
	21.54	PM ₁₀	0.45	0.3
323-04-STP and -05-STP		Paint Booths	VOC	48.1
	21.54	PM ₁₀	0.45	0.3
493-02-STF	Blast Cleaning Booth	PM ₁₀		0.122

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			lb/hr	TPY
493-03-STF	Blast Cleaning Booth	PM ₁₀		0.122
493-10-STO	Ridoline Cleaner	Misc. Vapor Acid Vapor		0.01 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 Acid Vapor		0.21 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
		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 4.23		VOC	3.63
	Flash Off Oven	PM ₁₀	<0.01	0.02
493-05-STO	Adhesive Topcoat Booth 7.91		VOC	6.78
	and Flash Off Oven	PM ₁₀	0.02	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
493-01-STP and 01-STO (five stacks)	9.95 and Flash Off Area	Paint Booth, Drying Oven, VOC 11.61 PM ₁₀	0.18	0.12
493-08-STO, -06-STO, and -04-STO	16.08 Adhesive Topcoat Booth, 0.13 and Preheat/Curing Oven	Adhesive Primer Booth, VOC 11.33 PM ₁₀	0.18	
493-04-STO (F) 333-01, -02, -03, -04 -05, -06, and -07-STF	Adhesive Fugitives (4) 12.0**	VOC 12 Dust Collectors PM ₁₀	0.50 5.98	0.35
410-01-FUG	Pin Strip Roto Clone	PM ₁₀	<0.2	<1.0
410-01-STO	Adhesive Spray Booth	VOC PM ₁₀	7.14 0.05	17.0
410-01-STO (F)	Adhesive Spray Booth Fugitives (4)	VOC PM ₁₀	0.79 <0.01	1.88 <0.01
410-1-STF	Buffing Operation	PM ₁₀ POC	0.03 <0.1	0.08

(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 General Rule 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.

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			lb/hr	TPY
NO _x	-	total oxides of nitrogen		
SO ₂	-	sulfur dioxide		
CO	-	carbon monoxide		
HCl	-	hydrogen chloride		
POC	-	products of combustion from rubber buffing operation. For small amounts of smoke generated.		
STP	-	Stack, Paint Booth		
SVT	-	Scrubber Vent		
STF	-	Stack, Bag Filter, Cyclone or Dust Collector		
STO	-	Stack, Other (Adhesive Booth, Fluidized Bed, Etc.)		
FUG	-	Fugitive Emissions, no centralized stack or point of emission		

Dated _____