

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 17973 and PSDTX1112

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY (4)
323-04-STP and 323-05-STP	Paint Booths	VOC	27.80	*
		PM ₁₀	0.45	**
323-07-STP	Paint Booth	VOC	16.00	*
		PM ₁₀	0.07	**
323A-01-STP and 323A-02-STP	Paint Booths	VOC	28.90	*
		PM ₁₀	0.45	**
323A-01-STP (F) and 323A-02-STP(F)	Paint Booths	VOC	19.20	*
323A-03-STP	Paint Booth	VOC	12.00	*
		PM ₁₀	0.17	**
323A-03-STO (2 stacks)	Oven	VOC	9.06	*
		ES	5.56	***
323A-06-STP	Paint Booth	VOC	12.32	*
		PM ₁₀	0.03	**
		ES	5.56	***
323A-08-STP	Paint Booth	VOC	34.49	*
		PM ₁₀	0.04	**
		ES	19.33	***
345-01-STP	Paint Booth	VOC	13.80	*
		PM ₁₀	0.13	**
345-02-STP	Paint Booth	VOC	13.80	*
		PM ₁₀	0.13	**

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357-01-STP and 360-01-STP	Paint Booths	VOC	42.10	*
		PM ₁₀	0.45	**
377-01-STP (6)	Paint Booth	VOC	16.00	*
		PM ₁₀	0.07	**
377-01-STP (F) (6)	Paint Booth	VOC	3.10	*
378-01-STP	Paint Booth	VOC	10.32	*
		PM ₁₀	0.09	**
		ES	8.22	***
378-01-STO	Oven	VOC	2.58	*
		ES	2.07	***
378-02-STP	Paint Booth	VOC	8.96	*
		PM ₁₀	0.14	**
		ES	16.60	***
378-02-STO	Oven	VOC	2.24	*
		ES	4.15	***
407-01-STP	Paint Booth	VOC	10.00	*
		PM ₁₀	0.07	**
411-01-STP	Paint Booth	VOC	10.97	*
		PM ₁₀	0.02	**
412-01-STF	Blast Booth/Heater Routed to a Dust Collector	PM ₁₀ (5)	0.01	0.04
		SO ₂	0.001	0.003
		NO _x	0.12	0.54
		CO	0.10	0.45
		VOC (5)	0.01	0.03
		PM ₁₀	0.001	0.001
412-01-STP	Paint Booth/Heater	PM ₁₀ (5)	0.02	0.10
		SO ₂	0.002	0.01
		NO _x	0.30	1.34
		CO	0.26	1.12
		VOC (5)	0.02	0.07
		VOC	31.36	*

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412-01-STO	Oven	PM ₁₀	0.04	**
		ES	17.40	***
		PM ₁₀ (5)	0.01	0.02
		SO ₂	0.0004	0.002
		NO _x	0.07	0.30
		CO	0.06	0.25
		VOC (5)	0.004	0.02
		VOC	3.12	*
		ES	1.93	***
412-02-STF	Blast Booth/Heater Routed to a Dust Collector	PM ₁₀ (5)	0.01	0.04
		SO ₂	0.001	0.003
		NO _x	0.12	0.54
		CO	0.10	0.45
		VOC (5)	0.01	0.03
		PM ₁₀	0.001	0.001
412-02-STP	Paint Booth/Heater	PM ₁₀ (5)	0.02	0.10
		SO ₂	0.002	0.01
		NO _x	0.30	1.34
		CO	0.26	1.12
		VOC (5)	0.02	0.07
		VOC	31.36	*
		PM ₁₀	0.04	**
		ES	17.40	***
412-02-STO	Oven	PM ₁₀ (5)	0.01	0.02
		SO ₂	0.0004	0.002
		NO _x	0.07	0.30
		CO	0.06	0.25
		VOC (5)	0.004	0.02
		VOC	3.12	*
		ES	1.93	***
412-03-STF	Blast Booth/Heater Routed to a Dust Collector	PM ₁₀ (5)	0.01	0.04
		SO ₂	0.001	0.003
		NO _x	0.12	0.54
		CO	0.10	0.45
		VOC (5)	0.01	0.03
		PM ₁₀	0.001	0.001

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412-03-STP	Paint Booth/Heater	PM ₁₀ (5)	0.02	0.10
		SO ₂	0.002	0.01
		NO _x	0.30	1.34
		CO	0.26	1.12
		VOC (5)	0.02	0.07
		VOC	31.36	*
		PM ₁₀	0.04	**
		ES	17.40	***
412-03-STO	Oven	PM ₁₀ (5)	0.01	0.02
		SO ₂	0.0004	0.002
		NO _x	0.07	0.30
		CO	0.06	0.25
		VOC (5)	0.004	0.02
		VOC	3.12	*
		ES	1.93	***
412-04-STF	Blast Booth/Heater Routed to a Dust Collector	PM ₁₀ (5)	0.01	0.04
		SO ₂	0.001	0.003
		NO _x	0.12	0.54
		CO	0.10	0.45
		VOC (5)	0.01	0.03
		PM ₁₀	0.001	0.001
412-04-STP	Paint Booth/Heater	PM ₁₀ (5)	0.02	0.10
		SO ₂	0.002	0.01
		NO _x	0.30	1.34
		CO	0.26	1.12
		VOC (5)	0.02	0.07
		VOC	31.36	*
		PM ₁₀	0.04	**
		ES	17.40	***
412-04-STO	Oven	PM ₁₀ (5)	0.01	0.02
		SO ₂	0.0004	0.002
		NO _x	0.07	0.30
		CO	0.06	0.25
		VOC (5)	0.004	0.02
		VOC	3.12	*
		ES	1.93	***

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412-05-STF	Blast Booth/Heater Routed to a Dust Collector	PM ₁₀ (5)	0.01	0.04
		SO ₂	0.001	0.003
		NO _x	0.12	0.54
		CO	0.10	0.45
		VOC (5)	0.01	0.03
		PM ₁₀	0.001	0.001
412-05-STP	Paint Booth/Heater	PM ₁₀ (5)	0.02	0.10
		SO ₂	0.002	0.01
		NO _x	0.30	1.34
		CO	0.26	1.12
		VOC (5)	0.02	0.07
		VOC	31.36	*
		PM ₁₀	0.04	**
		ES	17.40	***
412-05-STO	Oven	PM ₁₀ (5)	0.01	0.02
		SO ₂	0.0004	0.002
		NO _x	0.07	0.30
		CO	0.06	0.25
		VOC (5)	0.004	0.02
		VOC	3.12	*
		ES	1.93	***
412-06-STP	Paint Booth/Heater	PM ₁₀ (5)	0.04	0.19
		SO ₂	0.003	0.02
		NO _x	0.58	2.55
		CO	0.49	2.14
		VOC (5)	0.03	0.14
		VOC	14.13	*
		PM ₁₀	0.01	**
		ES	2.15	***
412-06-STO	Oven	PM ₁₀ (5)	0.02	0.08
		SO ₂	0.001	0.01
		NO _x	0.25	1.07
		CO	0.21	0.90
		VOC (5)	0.01	0.06
		VOC	13.75	*
		ES	5.88	***

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412-07-STP	Paint Booth/Heater	PM ₁₀ (5)	0.04	0.19
		SO ₂	0.003	0.02
		NO _x	0.58	2.55
		CO	0.49	2.14
		VOC (5)	0.03	0.14
		VOC	13.01	*
		PM ₁₀	0.02	**
		ES	6.67	***
412-07-STO	Oven	PM ₁₀ (5)	0.02	0.08
		SO ₂	0.001	0.01
		NO _x	0.25	1.07
		CO	0.21	0.90
		VOC (5)	0.01	0.06
		VOC	13.75	*
		ES	5.88	***
412-08-STP	Paint Booth/Heater	PM ₁₀ (5)	0.04	0.19
		SO ₂	0.003	0.02
		NO _x	0.58	2.55
		CO	0.49	2.14
		VOC (5)	0.03	0.14
		VOC	14.13	*
		PM ₁₀	0.01	**
		ES	2.15	***
412-09-STP	Paint Booth/Heater	PM ₁₀ (5)	0.04	0.19
		SO ₂	0.003	0.02
		NO _x	0.58	2.55
		CO	0.49	2.14
		VOC (5)	0.03	0.14
		VOC	13.01	*
		PM ₁₀	0.02	**
		ES	6.67	***
441-01-STP	Paint Booth	VOC	17.92	*
		PM ₁₀	0.02	**
		ES	9.66	***
443-01-STP	Paint Booth	VOC	13.65	*
		PM ₁₀	0.06	**
493-01-STP	Paint Booth, Drying	VOC	9.95	*

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and 493-01-STO (two stacks)	Oven, and Flashoff Area	PM ₁₀	0.18	**
493-02-SVT	Mechanical Denuder	PM ₁₀	0.06	0.02
493-02-STF	Blast Cleaning Booth Routed to a Dust Collector	PM ₁₀	0.04	0.12
493-02-STO (will be replaced by 493-13-STO)	Two Adhesive Booths	VOC	15.51	*
493-03-STF	Blast Cleaning Booth Routed to a Dust Collector	PM ₁₀	0.04	0.12
493-03-STO	Adhesive Booth	VOC	19.60	*
493-04-STF	Blast Cleaning Booth Routed to a Dust Collector	PM ₁₀	0.12	0.14
493-05-STF	Blast Cleaning Booth Routed to a Dust Collector	PM ₁₀	0.12	0.14
493-10-STO	Ridoline Cleaner and Chromate Conversion Vats	Acid		0.03
493-11-STO (will be replaced by 493-12-STO)	Two Drying Ovens	VOC	3.56	*
493-12-STO (will replace 493-11- STO)	Two Ovens	VOC	9.62	*
493-13-STO (will replace 493-02- STO)	Two Adhesive Spray Booths	VOC PM ₁₀	42.25 0.003	* **

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495M-01-STO	Fluidized Bed Rubber Denuding System	PM ₁₀	1.64	3.60
		CO	18.08	22.70
		NO _x	21.52	39.30
		VOC	3.90	11.80
		SO ₂	15.50	39.50
		HCl	0.20	0.38
561-01-STF	Blast Booth/Heater Routed to a Dust Collector	PM ₁₀ (5)	0.01	0.04
		SO ₂	0.001	0.003
		NO _x	0.12	0.54
		CO	0.10	0.45
		VOC (5)	0.01	0.03
		PM ₁₀	0.001	0.001
561-01-STP	Paint Booth/Heater	PM ₁₀ (5)	0.02	0.10
		SO ₂	0.002	0.01
		NO _x	0.30	1.34
		CO	0.26	1.12
		VOC (5)	0.02	0.07
		VOC	28.03	*
		PM ₁₀	0.03	**
		ES	17.40	***
561-01-STO	Oven	PM ₁₀ (5)	0.01	0.02
		SO ₂	0.0004	0.002
		NO _x	0.07	0.30
		CO	0.06	0.25
		VOC (5)	0.004	0.02
		VOC	2.75	*
		ES	1.93	***
591-01-STP	Paint Booth	VOC	18.80	*
		PM ₁₀	0.20	**
591-02-STP	Paint Booth	VOC	12.50	*
		PM ₁₀	0.20	**
591-03-STP	Paint Booth	VOC	11.00	*
		PM ₁₀	0.07	**
591-04-STP	Paint Booth	VOC	18.00	*

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591-04-STP(F)	Paint Booth	PM ₁₀	0.20	**
		VOC	3.10	*
595-01-STP	Paint Booth	VOC	7.80	*
		PM ₁₀	0.07	**
595-01-VAT	Dip Coating Vat	VOC	2.02	*
595-02-STP	Paint Booth	VOC	8.06	*
		PM ₁₀	0.07	**
595-02-STO	Drying Oven	VOC	3.94	*
595-03-STP	Paint Booth	VOC	4.70	*
		PM ₁₀	0.07	**
595-03-STO	Drying Oven	VOC	3.10	*
595-04-STO	Paint Mixing Room	VOC	0.20	*
595-05-STO	Paint Mixing Room	VOC	0.20	*
595-05-VAT	Dip Coating Vat	VOC	6.86	*
595-05-FUG	Dip Coating Vat Fugitives	VOC	0.40	*
595-05-STO1 and 595-05-STO2	Oven	PM ₁₀ (5)	0.01	0.03
		SO ₂	0.0005	0.002
		NO _x	0.08	0.34
		CO	0.07	0.29
		VOC (5)	0.004	0.02
		VOC	0.81	*
595-10-VAT	Dip Coating Vat	VOC	2.02	*
939-01-STP	Paint Booth	VOC	7.80	*
		PM ₁₀	0.07	**
1122-01-STP	Paint Booth	VOC	4.70	*
		PM ₁₀	0.07	**
1122-01-STP(F)	Paint Booth	VOC	3.10	*

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1130-01-STP, 1130-02-STP, 1130-03-STP, and 1130-04-STP	Paint Booths	VOC	18.80	*
		PM ₁₀	0.29	**
1130-01-STP(F), 1130-02-STP(F), 1130-03-STP(F), and 1130-04-STP(F)	Paint Booths	VOC	12.60	*
1172-01-STP	Paint Booth	VOC	4.70	*
		PM ₁₀	0.07	**
1172-01-STP(F)	Paint Booth	VOC	3.10	*
1184-01-STP	Paint Booth/Heater	PM ₁₀ (5)	0.01	0.03
		SO ₂	0.001	0.003
		NO _x	0.10	0.43
		CO	0.08	0.36
		VOC (5)	0.01	0.02
		VOC	21.64	*
		PM ₁₀	0.02	**
		ES	9.66	***
1184-02-STP	Paint Booth/Heater	PM ₁₀ (5)	0.01	0.03
		SO ₂	0.001	0.003
		NO _x	0.10	0.43
		CO	0.08	0.36
		VOC (5)	0.01	0.02
		VOC	21.64	*
		PM ₁₀	0.02	**
		ES	9.66	***

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
 - 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.
 - (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
 - (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - PM₁₀ - particulate matter equal to or less than 10 microns in diameter
 - SO₂ - sulfur dioxide
 - NO_x - total oxides of nitrogen
 - CO - carbon monoxide
 - ES - exempt solvent: those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of VOC
 - HCl - hydrogen chloride
 - (4) Compliance with annual emission limits is based on a rolling 12-month period.
 - (5) Combustion emissions.
 - (6) Authorized on August 16, 2007, to be relocated and renamed as 323-07-STP. Per Mr. Joe Thrash on April 3, 2008, the relocation plans have been postponed indefinitely.
- * The combined allowable VOC emission rate for these sources is 325.09 tons per year (tpy).
- ** The combined allowable PM₁₀ emission rate for these sources is 1.59 tpy.
- *** The combined allowable ES emission rate for these sources is 67.83 tpy.

Dated July 12, 2010