

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 17973

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

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2) TPY(5)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	
323-04-STP and 323-05-STP	Paint Booths	VOC	39.10	*
		PM <sub>10</sub>	0.45	**
323A-01-STP and 323A-02-STP	Paint Booths	VOC	28.90	*
		PM <sub>10</sub>	0.45	**
323A-01-STP(F) and 323A-02-STP(F)	Paint Booths	VOC (4)	19.20	*
323A-03-STP	Paint Booths	VOC	12.00	*
		PM <sub>10</sub>	0.17	**
345-01-STP	Paint Booths	VOC	13.80	*
		PM <sub>10</sub> 0.13	**	
345-02-STP	Paint Booths	VOC	13.80	*
		PM <sub>10</sub> 0.13	**	
357-01-STP and 360-01-STP	Paint Booths	VOC	48.10	*
		PM <sub>10</sub>	0.45	**
401-01-STP	Paint Booths	VOC	4.70	*
		PM <sub>10</sub> 0.07	**	
401-01-STP(F)	Paint Booths	VOC (4)	3.10	*
407-01-STP	Paint Booths	VOC	7.80	*
		PM <sub>10</sub> 0.07	**	
411-01-STP	Paint Booths	VOC	8.97	*
		PM <sub>10</sub> 0.02	**	
493-01-STF	Blast Cleaning Booth	PM <sub>10</sub>	0.04	0.13

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY(5)
493-02-STF	Blast Cleaning Booth	PM <sub>10</sub>	0.03	0.12
493-03-STF	Blast Cleaning Booth	PM <sub>10</sub>	0.03	0.12
493-04-STF	Dust Collector	PM <sub>10</sub>	0.12	0.14
493-05-STF	Dust Collector	PM <sub>10</sub>	0.12	0.14
493-02-STO	Two Adhesive Booths	VOC	11.95	*
493-03-STO	Adhesive Booth	VOC	27.39	*
403-04-STO, 493-06-STO, and 493-08-STO	Adhesive Primer Booth, Adhesive Topcoat Booth, and Preheat/Curing Oven	VOC	16.08	*
		PM <sub>10</sub>	0.18	**
493-05-STO	Adhesive Topcoat Booth and Flash Off Oven	VOC	6.78	*
		PM <sub>10</sub>	0.02	**
493-07-STO	Adhesive Primer Booth and Flash Off Oven	VOC	3.63	*
		PM <sub>10</sub>	<0.01	**
493-09-STO	Fluidized Bed	PM <sub>10</sub>	1.64	3.60
		CO	18.08	22.70
		NO <sub>x</sub>	21.52	39.30
		VOC	3.90	11.80
		SO <sub>2</sub>	15.50	39.50
		HCl	0.20	0.38
493-10-STO	Ridoline Cleaner and Chromate Conversion Vats	Acid		0.03
493-11-STO	Two Drying Ovens	VOC	2.72	*

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY(5)
493-04-STO(F)	Adhesive Fugitives	VOC (4)	0.50	*
493-01-STP and 493-01-STO (five stacks)	Paint Booth, Drying Oven, and Flash Off Area	VOC	9.95	*
		PM <sub>10</sub>	0.18	**
493-02-SVT	Mechanical Denuder	PM <sub>10</sub>	0.06	0.02
591-01-STP	Paint Booth	VOC	18.00	*
		PM <sub>10</sub> 0.20	**	
591-02-STP	Paint Booth	VOC	18.00	*
		PM <sub>10</sub> 0.20	**	
591-03-STP	Paint Booth	VOC	18.00	*
		PM <sub>10</sub> 0.20	**	
591-04-STP	Paint Booth	VOC	4.70	*
		PM <sub>10</sub> 0.07	**	
591-04-STP(F)	Paint Booth	VOC (4)	3.10	*
595-02-STO	Drying Oven	VOC	3.10	*
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	*
595-01-STP	Paint Booth	VOC	7.80	*
		PM <sub>10</sub> 0.07	**	
595-02-STP	Paint Booth	VOC	4.50	*
		PM <sub>10</sub>	0.07	**

595-03-STP	Paint Booth	VOC	4.70	*
		PM <sub>10</sub>	0.07	**
654-01-STP	Paint Booth	VOC	4.70	*
		PM <sub>10</sub>	0.07	**
654-01-STP(F)	Paint Booth	VOC (4)	3.10	*
939-01-STP	Paint Booth	VOC	7.80	*
		PM <sub>10</sub>	0.07	**
1116-01-STP	Paint Booth	VOC	4.70	*
		PM <sub>10</sub>	0.07	**
1116-01-STP(F)	Paint Booth	VOC (4)	3.10	*
1122-01-STP	Paint Booth	VOC	4.70	*
		PM <sub>10</sub>	0.07	**
1122-01-STP(F)	Paint Booth	VOC (4)	3.10	*
1130-01-STP, 1130-02-STP, 1130-03-STP, and 1130-04-STP	Paint Booths	VOC	18.80	*
		PM <sub>10</sub>	0.29	**
1130-01-STP(F), 1130-02-STP(F) 1130-03-STP(F), and 1130-04-STP(F)	Paint Booths	VOC (4)	12.60	*
1172-01-STP	Paint Booth	VOC	4.70	*
		PM <sub>10</sub>	0.07	**
1172-01-STP(F)	Paint Booth	VOC (4)	3.10	*
1172-01-STP(F)	Paint Booth	VOC (4)	3.10	*

## 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
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - 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 particulate matter greater than 10 microns is emitted.
  - CO - carbon monoxide
  - HCl - hydrogen chloride
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Compliance with annual emission limits is based on a rolling 12-month period.

\* The combined allowable emission rate for these sources is 212.90 tons per year (tpy).

\*\* The combined allowable emission rate for these sources is 1.69 tpy.

Dated October 11, 2004