

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 51399

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)	<u>Emission Rates</u>	
			lb/hr	TPY*
1-1	Booth 1 (Stacks 1-4)	VOC	47.07	24.47
		Exempt Solvent	2.17	1.13
		PM	0.08	0.04
1-2	Booth 2 (Stacks 1-2)	VOC	47.07	22.83
		Exempt Solvent	2.17	0.27
		PM	0.04	0.02
1-3	Heated Air Makeup Unit 1	VOC (from combustion)	0.04	0.04
			0.66	2.87
		NO <sub>x</sub>	0.56	2.46
		CO	0.05	0.22
		PM (from combustion)	<0.01	<0.01
		SO <sub>2</sub>		
1-4	Heated Air Makeup Unit 2	VOC (from combustion)	0.01	0.02
			0.19	0.83
		NO <sub>x</sub>	0.16	0.71
		CO	0.01	0.06
		PM (from combustion)	<0.01	<0.01
		SO <sub>2</sub>		
2-1	Corrosion Lining Station 1	VOC	18.74	4.05
		PM	0.06	0.01
		Styrene	9.50	0.19
2-2	Corrosion Lining Station 2	VOC	8.21	3.44
		PM	0.02	0.01
		Styrene	10.56	0.35

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

3	Abrasive Blasting	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
4	Steam Station	VOC (from combustion)	<0.01 0.04	<0.01 0.19
		NO <sub>x</sub>	0.04	0.16
		CO	<0.01	0.01
		PM (from combustion)	<0.01 <0.01	<0.01 <0.01
		SO <sub>2</sub>		
		VOC		
All EPNs	All Emission Sources	Individual HAP		<10.0
		Total HAPs		<25.0

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
- 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 - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>
- PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter
- CO - carbon monoxide
- HAP - any air contaminant (pollutant) listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated September 4, 2007