

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 25301

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**
E1	TANK1 - STACK E1	Styrene	21.49	(4)
		Other VOC	2.24	(4)
		Exempt Solvent	2.43	(4)
		PM 5.37	(4)	
E2	TANK1 - STACK E2	Styrene	9.85	(4)
		Other VOC	1.03	(4)
		Exempt Solvent	1.12	(4)
		PM 2.46	(4)	
E3	TANK1 - STACK E3	Styrene	9.85	(4)
		Other VOC	1.03	(4)
		Exempt Solvent	1.12	(4)
		PM 2.46	(4)	
E4	TANK1 - STACK E4	Styrene	38.81	(4)
		Other VOC	4.05	(4)
		Exempt Solvent	4.40	(4)
		PM 9.70	(4)	
E6	TANK2 - STACK E6	Styrene	55.00	(4)
		Other VOC	4.70	(4)
		Exempt Solvent	5.77	(4)
		PM 9.38	(4)	
E7	TANK3 - STACK E7	Styrene	4.82	(4)
		Other VOC	0.94	(4)
		Exempt Solvent	4.12	(4)
		PM 0.63	(4)	
A1	ASSEMBLY1 - STACK A1	Styrene	18.00	(4)
		Other VOC	0.50	(4)
		Exempt Solvent	15.00	(4)
		PM 0.63	(4)	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
A2	ASSEMBLY2 - STACK A2	Styrene	1.21	(4)
		Other VOC	0.10	(4)
		Exempt Solvent	1.65	(4)
		PM 0.63	(4)	
FUGST	Acetone Still	Exempt Solvent	8.24	(4)
T1	Storage Tank 1	Styrene	0.39	(4)
T2	Storage Tank 2	Styrene	0.39	(4)
T3	Pipe Tank	Styrene	0.39	(4)

(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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code (30 TAC) § 101.1

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.

PM<sub>10</sub> - particulate matter 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.

Exempt Solvent - as defined in 30 TAC § 101.1

(4) Plantwide annual emissions of styrene, other VOC (excluding styrene), and exempt solvent shall not exceed 79.9 tpy with no more than 60.1 tpy shall come from styrene. Plant-wide annual PM emissions shall not exceed 11.43 tpy.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

13 Hrs/day 7 Days/week 52 Weeks/year

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

Dated January 19, 2005