

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20278

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

<u>Emission</u> Point No. (1)	<u>Source</u> Name (2)	<u>Air Contaminant</u> Name (3)	<u>Emission Rates*</u> No./hr TPY	
1	Chopper Room Stack	Styrene	52.7	7.0
		Acetone	2.6	1.0
		VOC (4)	5.0	5.0
2	Tank Room Stack	Styrene	28.7	31.3
		PM	0.4	1.6
		VOC (4)	5.0	5.0
3	Pipe Room Stack	Styrene	48.3	18.2
		VOC (4)	5.0	5.0
4	Thermoplastic room (fugitives)	MEK	2.5	<0.1
		VOC (5)	1.0	1.0
5	Fittings/Grinding Area	PM	<0.1	<0.1
		PM <sub>10</sub>		
6	Storage Area (fugitives)	MEK	0.5	0.3
		VOC (5)	1.0	1.0

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in General Rule 101.1  
 PM - particulate matter  
 MEK - methyl ethyl ketone  
 PM<sub>10</sub> - particulate matter <10 microns in diameter
- (4) VOC contained in the cleaning solvents with an ESL, as established in the TNRCC ESL List dated April 1, 1994, of not less than 100 µg/m<sup>3</sup> on a 30-minute basis and 10 µg/m<sup>3</sup> on an annual basis. Total emissions shall not exceed 5 lb/hr and 5 tpy.

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- (5) VOC contained in the miscellaneous solvents with an ESL, as established in the TNRCC ESL List dated April 1, 1994, of not less than 1500  $\mu\text{g}/\text{m}^3$  on a 30-minute basis and 150  $\mu\text{g}/\text{m}^3$  on an annual basis. Total emissions shall not exceed 1 lb/hr and 1 tpy.

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

24 Hrs/day, 7 Days/week, 52 Weeks/year or 6,000 Hrs/year

Dated 11-30-94