

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 83082

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*
EPN 1	Ventilation Stack for Bays 1 and 2	VOC (4)	4.00	See below
		Styrene	51.70	See below
		MMA	13.50	See below
		Exempt Solvent	40.00	See below
		PM	9.60	See below
EPN 2	Ventilation Stack for Bays 3 and 4	VOC (4)	4.00	See below
		Styrene	36.77	See below
		Exempt Solvent	40.00	See below
		PM	9.60	See below
EPN 3	Ventilation Stack for Mol Production Area	VOC (4)	4.00	See below
		Styrene	21.83	See below
		Exempt Solvent	40.00	See below
		PM	5.70	See below
EPN 1, 2, and 3	Site-wide	VOC(4), Styrene, MMA, and Exempt Solvent		80.00
		PM		14.00
FUG 1	Fugitives from Storage Vessels	Styrene	<0.10	0.20

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- (1) Emission point.
- (2) Specific point source names.
- (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
  - 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
  - MMA - Methyl Methacrylate
- (4) VOC other than styrene and MMA.

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

Dated June 30, 2008