

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20625

## AIR CONTAMINANTS DATA

Emission Point No. (1) (4)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
43, 48, and 54	Foam Pourline	TDI	0.291	0.291
		ABA	414.1	37.5
		Acetone	0.03	0.01
		VOC 0.5	0.5	
101 and 102	Slabroom Stack 1	TDI	0.01	0.044
		ABA	556.0	118.5
		Acetone	10.8	13.5
		Heptane	0.75	0.25
		VOC 3.5	4.0	
90 and 91	Rebond Area	TDI	0.199	0.869
		Acetone	1.6	2.0
77 through 85 and 87, 88, and 89	Foam Grinding System, Four Storage Bins, and Two Cyclones	PM	0.63	0.76
W5.1, W5.2, W5.3, and W5.4	Four Baumer Fans	Acetone	8.0	10.0
		ABA	0.22	0.32
1, 23, 30, 31, 35, 47, 50, 106, 108, and 110	Railcar Loading, Lab Oven, Feed Tank, Barite Loading, and Two Hot Oil Laminators	TDI	0.003	0.002
		NO <sub>x</sub>	0.01	0.01
		TMEDA	0.25	0.03
		Acetone	0.83	1.01
		ABA 0.07	0.02	
		BaSO <sub>4</sub>	0.27	0.03
		Ozone	0.19	0.37
All EPNs	All Facilities	Individual HAP		<10.0
		Combined HAPs		<25.0

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- (1) Emission point identification - emission point number from plot plan.
- (2) Specific point source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
  - TDI - 2,4- and 2,6-toluene diisocyanate
  - NO<sub>x</sub> - total oxides of nitrogen
  - ABA - auxiliary blowing agent which is a VOC
  - TMEDA - trimethylene diamine
  - BaSO<sub>4</sub> - barium sulfate
  - 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 PM greater than 10 microns is emitted.
  - HAP - hazardous air pollutants as listed in Title 40 Code of Federal Regulations Part 63, Subpart C.
- (4) Rate is for a rolling 12-consecutive months.

Dated August 11, 2004