

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18056

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name	Air Contaminant Name (2)	<u>Emission Rates</u>	
			lb/hr	TPY (3)
1	Foam Pouring	2, 4 TDI	0.037	0.032
		2, 6 TDI	0.099	0.085
		Polyol 0.03	0.05	
		Hexane	3.00	5.00
		Silicone	0.009	0.015
		Diethyl Hexyl Phthalate	5.00	8.30
		Triethylene diamine	9.90	2.50
		Dipropylene glycol	18.60	4.70
		Dimethylamine	12.70	3.20
		Diethyl ether	10.40	2.60
		Bis (2-dimethylamino-ethyl) ether	1.26	0.32
2A and 2B	Rebond Carpet Manufacturing	2, 4 TDI	0.026	0.20
		2, 6 TDI	0.0064	0.05
		MDI 0.0033	0.025	
		Polyol 0.03	0.25	
		Hexane	0.15	1.25
3	Boiler 1	PM/PM <sub>10</sub>	0.019	0.083
		SO <sub>2</sub> <0.01	<0.01	
		CO 0.21	0.92	
		NO <sub>x</sub> 0.25	1.10	
		VOC 0.013	0.057	
4	Boiler 2	PM/PM <sub>10</sub>	0.019	0.083
		SO <sub>2</sub> <0.01	<0.01	
		CO 0.21	0.92	
		NO <sub>x</sub> 0.25	1.10	
		VOC 0.013	0.057	
F2	Gluing	n-Propyl Bromide	14.00	9.45
		1, 2 Epoxybutane	0.064	0.043

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Emission Point No. (1)	Source Name	Air Contaminant Name (2)	<u>Emission Rates</u>	
			<u>lb/hr</u>	<u>TPY (3)</u>
F3	Tank Fugitives	2, 4 TDI (4)	<0.01	<0.01
		2, 6 TDI (4)	<0.01	<0.01
		Polyol (4)	0.0053	0.002
F4	Tank Fugitives	Polyol (4)	0.0034	0.002
F5	Storage Tank	MDI (4)	<0.01	<0.01
All Emission Points	All Sources	Individual HAP		<10.00
		All HAPs		<25.00

(1) Emission point identification number.

(2) TDI - toluene diisocyanate

MDI - methylene diphenyl diisocyanate

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.

SO<sub>2</sub> - sulfur dioxide

CO - carbon monoxide

NO<sub>x</sub> - nitrogen oxides

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

HAPs - hazardous air pollutants as listed in Title 40 Code of Federal Regulations Part 63, Subpart C.

(3) Rate is for a rolling 12 consecutive months

(4) Fugitive emissions

Dated January 24, 2005