

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18056

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*
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	5.00	8.30
		Phthalate	9.90	2.50
		Triethylene diamine	18.60	4.70
		Dipropylene glycol	12.70	3.20
		Dimethylamine	10.40	2.60
		Diethyl ether	1.26	0.32
		Bis (2-dimethylamino-ethyl) ether		
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 8.37 MMbtu/hr	PM/PM ₁₀	0.06	0.27
		SO ₂	<0.01	0.02
		CO	0.69	3.02
		NO _x	0.82	3.59
		VOC	0.05	0.20
4	Boiler 2 8.37 MMbtu/hr	PM/PM ₁₀	0.06	0.27
		SO ₂	<0.01	0.02
		CO	0.69	3.02
		NO _x	0.82	3.59

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		VOC	0.05	0.20
F2	Gluing	n-Propyl Bromide	14.00	9.45
		1, 2 Epoxybutane	0.064	0.043
F3	Building Fugitives	2, 4 TDI (4)	<0.01	<0.01
		2, 6 TDI (4)	<0.01	<0.01
		Polyol (4)	0.0053	0.002
F4	Building Fugitives	Polyol (4)	0.0034	0.002
F5	Building Fugitives	MDI (4)	<0.01	<0.01
F6	Building Fugitives	TDI (4)	<0.01	<0.01
All Emission Points	All Sources	Individual HAP		<10.00
		All HAPs		<25.00

(1) Emission point identification.

(2) Specific point source names.

(3) PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}

PM₁₀ - particulate matter equal to or less than 10 microns in diameter

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

SO₂ - sulfur dioxide

CO - carbon monoxide

NO_x - total oxides of nitrogen

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

TDI - toluene diisocyanate

MDI - methylene diphenyl diisocyanate

HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or as amended in Title 40 Code of Federal Regulations Part 63, Subpart C

(4) Fugitive emissions.

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

Dated March 7, 2008