

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18241

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**
12	Incinerator Stack	VOC	1.93	0.61
		NO <sub>x</sub>	0.60	1.17
		CO	0.50	0.98
		PM <sub>10</sub>	0.05	0.09
		SO <sub>2</sub>	0.01	0.01
13A and 13AA	Filter Press	VOC	4.00	0.01
13B	Drumming Room Stack	VOC	36.97	10.07
13BB	Process Drum Stack	VOC	36.97	10.07
21	Curing Agent Bagging (6)	PM <sub>10</sub>	0.15	0.28
22	Curing Agent Scrubber (6)	VOC	0.01	0.01
		PM <sub>10</sub>	0.01	
23	Curing Agent Tank (5)	VOC	0.01	0.01
24	Mix Tank (6)	VOC	0.01	0.01
		PM <sub>10</sub>	0.01	
31	Therminol Heater	VOC	0.11	0.13
		NO <sub>x</sub>	1.91	2.33
		CO	1.60	1.96
		PM <sub>10</sub>	0.15	0.18
		SO <sub>2</sub>	0.01	0.01
33	Carbon Abs. Sys. Vent	VOC	8.51	0.67

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RM-9	Oil Storage Vent	VOC	0.01	0.01
RM-10	Oil Storage Vent	VOC	0.01	0.01
RM-11	Oil Storage Vent	VOC	0.01	0.01
RM-12	Oil Storage Vent	VOC	0.01	0.01
RM-17	Oil Storage Vent	VOC	0.01	0.01
RM-18	IPDI/Des W Storage Tank Vent	VOC	0.01	0.01
RM-19	TDI Storage Tank Vent	VOC	0.01	0.01
RM-21	Maleic Anhydride Tank Vent	VOC	0.01	0.01
RM-22	Phthalic Anhydride Tank Vent	VOC	0.05	0.01
RM-23	E-Cap Storage Tank Vent	VOC	0.01	0.01
GU-F	Glycol Unload Fugitives (4)	VOC	0.02	0.08
GTF-F	Glycol Tank Farm Fugitives (4)	VOC	0.03	0.12
GPB-F	Glycol Process Building Fugitives (4)	VOC	0.03	0.14

(1) Emission point identification - either specific equipment designation or emission point number

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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 Title 30 Texas Administrative Code § 101.1

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

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

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.

CO - carbon monoxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Limited to 740 hrs/yr of operation.

(6) Limited to 3,706 hrs/yr of operation.

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

\*\* Annual emissions are based on a rolling 12- month basis.

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated November 2, 2006