

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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Permit Number 50218

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 Rates*	Source	Air Contaminant	Emission	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
1	Dryer Scrubber System (Controlling Exhaust from Dryers 1-4)	PM	7.48	27.46
2	1,000-HP Boiler	PM <sub>10</sub>	0.30	1.11
		SO <sub>2</sub>	0.02	0.09
		NO <sub>x</sub>	3.99	14.65
		CO	3.35	12.30
		VOC	0.22	0.80
3	4 - Ethanol Storage Tanks (Working/Breathing Losses)	C <sub>2</sub> H <sub>5</sub> OH	0.60	1.24
4	4 - Ethanol Storage Tanks (4) (Equipment Fugitives Losses)	C <sub>2</sub> H <sub>5</sub> OH	2.26	9.88
5	Ethanol Load-out (4 storage tanks)	C <sub>2</sub> H <sub>5</sub> OH	6.16	0.23
6	Warehouse Fugitives (4)	PM	<0.01	0.01
		PM <sub>10</sub>	<0.01	0.01
7	Ethanol Emergency Storage Tank **			
8	Ethanol Emergency			

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Storage Tank \*\*

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) 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 particulate matter greater than 10 microns is emitted.  
SO<sub>2</sub> - sulfur dioxide  
NO<sub>x</sub> - nitrogen oxides  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
C<sub>2</sub>H<sub>5</sub>OH - ethanol

\* Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.

\*\* Emergency storage tanks are listed on the maximum allowable emission rates table for reference only.

Dated October 28, 2002