

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 24539

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)	Emission Rates *	
			lb/hr	TPY
D-1	Scrubber Stack	PM <sub>10</sub>	18.00	15.47
		VOC(a)	12.80	11.00
		VOC(b)	67.80	21.20
		NO <sub>x</sub>	10.40	8.94
		SO <sub>2</sub>	1.36	1.17
		CO	52.00	44.69
S-1	Lime Silo Baghouse Stack	PM <sub>10</sub>	0.07	0.03
S-2	Mineral Silo Baghouse Stack	PM <sub>10</sub>	0.07	0.01
H-1	AC Heater	PM <sub>10</sub>	0.02	0.09
		VOC	0.02	0.07
		NO <sub>x</sub>	0.28	1.23
		SO <sub>2</sub>	0.002	0.01
		CO	0.24	1.03
H-2	AC Heater	PM <sub>10</sub>	0.02	0.09
		VOC	0.02	0.07
		NO <sub>x</sub>	0.28	1.23
		SO <sub>2</sub>	0.002	0.02
		CO	0.24	1.03
H-3	AC Heater	PM <sub>10</sub>	0.05	0.21
		VOC	0.005	0.02
		NO <sub>x</sub>	0.29	1.28
		SO <sub>2</sub>	0.10	0.45
		CO	0.07	0.32

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
SF-1	Storage Silo Filling (4)	PM <sub>10</sub>	0.18	0.11
		VOC	2.09	1.30
		CO	0.20	0.13
PL-1	Plant Loadout (4)	PM <sub>10</sub>	0.13	0.08
		VOC	0.67	0.42
		CO	0.23	0.14
SP-1	Stockpiles (4)	PM	--	1.20
		PM <sub>10</sub>	--	0.60
FUG-1	Material Handling (4)	PM	0.78	0.68
		PM <sub>10</sub>	0.36 0.32	
REC-1	Material Receiving (4)	PM	0.04	0.03
		PM <sub>10</sub>	0.02 0.02	
AC101-103	AC Tanks	VOC	1.56	0.15
		CO	0.15 0.01	
		PM <sub>10</sub>	0.03 <0.01	
C-1	Cellulose Handling	PM	0.02	0.01
		PM <sub>10</sub>	0.01 0.01	

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. 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.  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
VOC(a) - mainly asphalt vapors from standard mix  
VOC(b) - additional VOC due to the use of crumb rubber  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.

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

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

Maximum Allowable Plant Production Rate: 400 tons per hour, 687,500 tons per year

Dated March 3, 2006