

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 492B

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, sources, and related activities. 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 (5) *	
			lbs/hour	TPY
16	Wet Scrubber Stack	PM	28.00	12.25
		VOC (a)	45.20	16.95
		VOC (b)	140.00	10.94
		NO <sub>x</sub>	24.00	10.50
		SO <sub>2</sub>	17.60	7.70
		CO	80.00	35.00
14	Silo Filling (4)	PM <sub>10</sub>	0.12	0.05
		VOC	2.44	1.07
		CO	0.24	0.10
13, 15	Truck Loadouts (4)	PM <sub>10</sub>	0.21	0.09
		VOC	1.56	0.68
		CO	0.54	0.24
21	Hot Oil Heater	PM <sub>10</sub>	0.03	0.11
		VOC	< 0.01	0.01
		NO <sub>x</sub>	0.15	0.66
		SO <sub>2</sub>	0.32	1.40
		CO	0.01	0.04
17-20, 22-24	Tanks (4)	VOC	0.02	0.08
STK	Stockpile Fugitives (4)	PM	--	3.14
		PM <sub>10</sub>	--	1.50
		VOC (b)	10.42	10.94
1-12	Material Processing (4)	PM	5.51	2.41
		PM <sub>10</sub>	1.96	0.86
25	Lime Silo	PM <sub>10</sub>	0.06	0.03

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- (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) CO - carbon monoxide  
 NO<sub>x</sub> - total oxides of nitrogen  
 PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
 PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
 SO<sub>2</sub> - sulfur dioxide  
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
 VOC(a) - VOC consisting mainly of asphalt vapor  
 VOC(b) - VOC consisting mainly of diesel or kerosene vapor
- (4) Fugitive emissions are an estimate only.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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

Hrs/day 12 Days/week 6 Weeks/year 50 up to Hrs/year 1,500

<u>Type</u>	<u>Tons/hour</u>	<u>Tons/year</u>
Standard Hot Mix200		150,000
Recycled Rubber Modified Mixes	200	150,000
Cold Mixes with 3.5 percent VOC content	160	25,000
Total of all Mix Types		175,000

Date: January 25, 2013