

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9004

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (EPN)(1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>TPY</u>				
9	Drum Dryer Venturi Scrubber Stack	PM	14.63	4.57
		VOC	10.40	3.12
		VOC(a)	525.00	7.00
		SO <sub>2</sub>	18.85	5.89
		NO <sub>x</sub>	17.88	5.58
		CO	42.25	13.20
10	Lime Silo Baghouse	PM <sub>10</sub>	0.05	0.02
11-12	Asphalt Storage Tanks (4)	VOC	<0.01	0.02
13	Hot Oil Heater Stack	PM <sub>10</sub>	0.05	0.08
		VOC	<0.01	<0.01
		NO <sub>x</sub>	0.30	0.47
		SO <sub>2</sub>	0.64	1.00
		CO	0.02	0.03
14	Diesel Storage Tank (4)	VOC	<0.01	0.01
15	Fuel Oil Storage Tank (4)	VOC	<0.01	0.01
16	Antistrip Tank (4)	VOC	<0.01	0.05
17	Storage Silo Filling (4)	PM <sub>10</sub>	0.19	0.06
		VOC	3.96	1.24
		CO	0.38	0.12

Emission Sources - Maximum Allowable Emission Rates Table

AIR CONTAMINANTS DATA				
Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (EPN)(1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>TPY</u>				
18	Truck Loadout (4)	PM	0.17	0.05
		VOC	1.27	0.40
		CO	0.44	0.14
MH	Material Handling (4)	PM	0.91	0.29
		PM <sub>10</sub>	0.31	0.10
STK	Stockpiles (4)	PM	-	1.45
		PM <sub>10</sub>	-	0.72
		VOC(a)	11.34	4.90

(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 PM greater than 10 microns is emitted.

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

VOC<sub>(a)</sub> - primarily diesel or kerosene vapors from cold mix emulsion

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

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

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 production rates:

10 Hrs/day 6 Days/week 52 Weeks/year

Standard Hot Mix: 325 Tons/hour 195,000 Tons/year

Emission Sources - Maximum Allowable Emission Rates Table

Emulsified Cold Mix:	<u>300</u>	Tons/hour	<u>5,400</u>	Tons/week	<u>8,000</u>
Tons/year					

Dated July 16, 2007