

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21727E

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
1	Dryer Baghouse Stack	VOC (a)	16.00	4.80
		NO <sub>x</sub>	27.5	8.25
		CO	65.00	19.50
		SO <sub>2</sub>	29.00	8.70
		PM	11.50	3.45
2	Lime Silo Baghouse Stack	PM <sub>10</sub>	0.05	0.01
3	Material Handling (4)	PM	2.29	0.69
		PM <sub>10</sub>	1.09	0.33
4	Stockpiles (4)	PM	-.-	0.37
		PM <sub>10</sub>	-.-	0.18
5	Silo Filling (4)	VOC	3.66	1.10
		PM	0.24	0.07
		CO	0.35	0.11
6	Truck Loadout (4)	VOC	1.25	0.37
		PM	0.19	0.06
		CO	0.40	0.12
7	Hot Oil Heater	NO <sub>x</sub>	0.12	0.35
		CO	0.03	0.09
		SO <sub>2</sub>	0.36	1.05
		PM	0.04	0.12
		VOC	<0.01	0.01
8	Asphalt Tank (4)	VOC	<0.01	<0.01
9	Asphalt Tank (4)	VOC	<0.01	<0.01
10	Diesel Tank	VOC	<0.01	<0.01

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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) VOC (a) - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1 (30 TAC § 101.1) (mainly asphalt vapors)
  - VOC - volatile organic compounds as defined in 30 TAC § 101.1
  - NO<sub>x</sub> - total oxides of nitrogen
  - CO - carbon monoxide
  - SO<sub>2</sub> - sulfur dioxide
  - 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.
- (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:

Up to 12 Hrs/day 6 Days/week 50 Weeks/year or 3,600  
Hrs/year

	ton/hr	ton/yr
Standard Hot Mix Asphalt Concrete	<u>500</u>	<u>300,000</u>

Dated August 14, 2003