

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 35007B

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)	<u>Emission Rates *</u>	
			lb/hr	TPY**
1	Drum/Dryer Baghouse Stack	PM/PM <sub>10</sub>	9.05	4.71
		VOC (a)	10.56	5.50
		VOC (b)	400.00	15.00
		NO <sub>x</sub>	13.20	6.88
		SO <sub>2</sub>	13.92	7.25
		CO	31.20	16.25
		HCl	0.05	0.03
2	Raw Aggregate Process (4)	PM	2.02	1.05
		PM <sub>10</sub>	0.20	0.11
3	Stockpiles (4)	PM	-.--	2.22
		PM <sub>10</sub>	-.--	1.06
		VOC (b)	2.40	3.00
4	Hot Mix Surge Bin Silo	PM <sub>10</sub>	0.11	0.06
		VOC	0.77	0.40
		CO	0.26	0.14
5	Truck Load Out (4)	PM <sub>10</sub>	0.11	0.06
		VOC	0.77	0.40
		CO	0.26	0.14
6	Hot Oil Heater (4)	PM/PM <sub>10</sub>	0.02	0.08
		VOC	0.01	0.01
		NO <sub>x</sub>	0.04	0.18
		SO <sub>2</sub>	0.02	0.07
		CO	0.01	0.05
7	Lime Baghouse Stack	PM <sub>10</sub>	0.01	0.01
8	Diesel Tanks (4)	VOC	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 an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - VOC(a) - asphalt vapors from standard mix and fuel combustion vapors
  - VOC(b) - diesel or kerosene vapors from cold mix, asphalt vapors, and fuel combustion vapors
  - NO<sub>x</sub> - total oxides of nitrogen
  - 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
  - CO - carbon monoxide
  - HCl - hydrogen chloride
- (4) Fugitive emissions are an estimate only.

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

Standard Mix Asphalt: 240 tons/hour 250,000 tons/year

Warm Mix Asphalt: 240 tons/hour 250,000 tons/year

Cold Mix (cutbacks or emulsions or combination of both): 200 tons/hr and 15,000 tons/yr.

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

- \*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated September 15, 2008