

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 7351A

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
11	Baghouse Stack	PM	13.2	8.7
		PM <sub>10</sub>	9.2	6.06
		VOC (a)	12.8	8.0
		VOC (b)	350.00	24.38
		VOC (c)	22.6	0.11
		NO <sub>x</sub>	22.0	14.49
		SO <sub>2</sub>	23.2	15.28
		CO	52.0	34.26
17	Asphalt Heater Vent (4)	PM <sub>10</sub>	0.03	0.15
		VOC	<0.01	0.01
		NO <sub>x</sub>	0.2	0.88
		SO <sub>2</sub>	0.43	1.87
		CO	0.01	0.05
8	Lime Storage Silo (4)	PM <sub>10</sub>	0.05	0.02
TNKS	Storage Tanks (4)	VOC	<0.01	0.27
15	Storage Silo Filling (4)	PM	0.20	0.13
		VOC	3.32	2.18
		CO	0.32	0.21
16	Truck Load-Out	PM	0.17	0.11
		VOC	1.06	0.70
		CO	0.37	0.24
STK1	Aggregate Stockpiles (4)	PM		2.17
		PM <sub>10</sub>		1.03

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			lb/hr	
	TPY			
STK2	Cold Mix Stockpiles (4)	VOC (b)	2.4	12.19
F1	Material Handling (4)	PM	1.41	0.98
		PM <sub>10</sub>	0.66	0.46

- (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 particulate matter greater than 10 microns is emitted.  
 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  
 VOC(c) - vapors from a rubber modified asphalt mix and fuel combustion vapors  
 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 production rates:

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

Standard Hot Mix: Tons/hour 400 Tons/year 500,000

Standard Hot Mix with Rubber: Tons/hour 100 Tons/year 1,000

Cold Mix with Slow Cure: Tons/hour 175 Tons/week 1,000 Tons/year 13,000

Cold Mix with Emulsion: Tons/hour 175 Tons/week 1,000  
 Tons/year 13,000

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			<u>lb/hr</u>	<u>TPY</u>

Dated November 22, 2005