

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 23279

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	PM <sub>10</sub>	10.35	6.84
		VOC (a)	14.40	8.00
		VOC (b)	250.00	25.00
		VOC (c)	20.00	1.47
		NO <sub>x</sub>	24.75	16.36
		SO <sub>2</sub>	26.10	17.26
		CO	58.50	38.68
2	Stockpile Fugitives (4)	PM	--	4.12
		PM <sub>10</sub>	--	1.99
		VOC (b)	4.20	5.00
3	Material Handling (4)	PM	36.19	24.02
		PM <sub>10</sub>	1.39	0.93
4	Lime Storage Silo Baghouse	PM <sub>10</sub>	0.05	0.01
5	Hot Mix Storage Silo (4)	PM <sub>10</sub>	0.24	0.13
		VOC	4.48	2.49
		CO	0.43	0.24
6	Truck Load-Out (4)	PM <sub>10</sub>	0.21	0.11
		VOC	1.44	0.80
		CO	0.50	0.28

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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) 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 (a) - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1 mainly asphalt vapors  
VOC (b) - primarily diesel or kerosene vapors  
VOC (c) - additional VOC due to the use of crumb rubber  
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:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,736 Hrs/year

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

#### Maximum Plant Production Rates:

Standard Hot Mix:	<u>450</u> TPH	<u>500,000</u> TPY
Standard Hot Mix w/Rubber:	<u>170</u> TPH	<u>25,000</u> TPY
Cold Mix w/ Emulsion:	<u>270</u> TPH <u>2,000</u> TPD	<u>20,000</u> TPY
Cold Mix w/ Cutback:	<u>250</u> TPH <u>2,000</u> TPD	<u>50,000</u> TPY

Date May 27, 2009