

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 53537L002

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**
10	Baghouse Stack (5)	PM <sub>10</sub>	16.42	15.60
		VOC(a)	12.80	11.20
		VOC(b)	153.13	13.13
		VOC(c)	73.45	3.39
		NO <sub>x</sub>	22.00	20.90
		SO <sub>2</sub>	23.20	22.04
		CO	52.00	49.40
12	Asphalt Heater Vent (4)	PM	0.02	0.05
		VOC	<0.01	<0.01
		NO <sub>x</sub>	0.20	0.45
		SO <sub>2</sub>	0.43	0.95
		CO	0.05	0.11
11	Lime Storage Silo Stack	PM <sub>10</sub>	0.05	0.02
13	Asphalt Storage Tank (4)	VOC	<0.01	0.03
16	Fuel Oil Storage Tank (4)	VOC	<0.01	0.02
17	Diesel Storage Tank (4)	VOC	<0.01	0.01
14	Storage Silo Filling (4)	PM	0.17	0.16
		VOC	1.14	1.08
		CO	0.39	0.37
15	Truck Load-out (4)	PM	0.14	0.15
		VOC	0.88	0.95
		CO	0.30	0.33

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F-1	Aggregate Stockpiles (4)	PM		2.53
		PM <sub>10</sub>		1.20
F-2	Cold Mix Stockpiles (4)	VOC	1.58	6.56
F-3	Material Handling (4)	PM	0.24	0.20
		PM <sub>10</sub>	0.12	0.10
23	Engine (4)	PM	0.35	0.76
		VOC	0.42	0.92
		NO <sub>x</sub>	12.64	27.61
		SO <sub>2</sub>	1.08	2.36
		CO	2.20	4.80

(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) - mainly asphalt vapors from standard mix

VOC(b) - primarily diesel or kerosene vapors from cold mix

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

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

(4) Fugitive emissions are an estimate only.

(5) Total PM<sub>10</sub> ([back-half is condensable PM<sub>10</sub> and front-half is filterable PM<sub>10</sub>], determined using EPA Test

Method (TM) 5; filterable PM<sub>10</sub> limited to 4.11 lb/hr and 3.90 tpy)

\* 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 8,760 Hrs/year

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Maximum Production Rates:

Standard Hot Mix:	<u>400</u> tons per hour	<u>700,000</u> tons per year
Standard Hot Mix w/ Rubber:	<u>325</u> tons per hour	<u>30,000</u> tons per year
Cold Mix w/ Emulsion:	<u>175</u> tons per hour	<u>30,000</u> tons per year

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

Dated May 13, 2008