

## Emission Sources – Maximum Allowable Emission Rates

Permit Number 22332B

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, sources, and related activities. 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 (5) *	
			lbs/hour	TPY
11	Baghouse Stack	PM	11.02	11.02
		PM <sub>10</sub>	7.68	7.68
		NO <sub>x</sub>	18.37	18.37
		CO	43.42	43.42
		SO <sub>2</sub>	3.67	3.67
		VOC (a)	10.69	10.30
		VOC (b1)	700.00	3.50
		VOC (b2)	350.00	1.75
		VOC (c)	75.48	2.26
18	Hot Mix Silo Filling (4)	PM	0.20	0.20
		VOC	4.07	4.07
		CO	0.39	0.39
19	Truck Loadout	PM	0.17	0.17
		VOC	1.31	1.31
		CO	0.45	0.45
17	Tank Heater	PM	0.06	0.13
		NO <sub>x</sub>	0.35	0.77
		CO	0.09	0.19
		SO <sub>2</sub>	0.75	1.63
		VOC	< 0.01	0.01
13	Asphalt Storage Tank (4)	VOC	--	0.02
14	Asphalt Storage Tank 2 (4)	VOC	--	0.02
15	Fuel Oil Storage Tank (4)	VOC	--	0.01
16	Antistrip Storage Tank (4)	VOC	--	0.01

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STK	Stockpiles (4)	PM	--	1.20
		PM <sub>10</sub>	--	0.60
		VOC(b1)	4.20	0.88
		VOC (b2)	2.10	0.44
1-10, 12, 20	Material Handling (4)	PM	0.63	0.63
		PM <sub>10</sub>	0.30	0.30

- (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) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
SO<sub>2</sub> - sulfur dioxide  
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<sub>1</sub>) - VOCs from cold mix with medium cure.  
VOC(b<sub>2</sub>) - VOCs from production of cold mix with emulsion.  
VOC(c) - VOCs from production of rubber modified asphalt mixes.
- (4) Fugitive emissions are an estimate only.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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

10 Hrs/day 6 Days/week 52 Weeks/year or 3,120 Hrs/year

<u>Type</u>	<u>Tons/Hour</u>	<u>Tons/Year</u>
Standard Hot Mix	334	644,000
Recycled Rubber Modified Mixes	334	20,000
Cold Mixes with Cutback	200	2,000
Cold Mixes with Emulsion	200	2,000
Recycled Asphalt Product Mixes	334	200,000 **
Total Plant Production		668,000

\*\* Included in standard hot mix production.

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Date: March 22, 2013