

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number S-18962

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.	Baghouse Stack	PM	10.73	4.21
		PM ₁₀	7.48	2.93
		VOC(a)	10.40	4.08
		VOC(b)	300.00	10.00
		VOC(c)	33.90	1.13
		NO _x	8.45	3.32
		SO ₂	1.11	0.43
		CO	42.25	16.58
2.	Asphalt Heater Vent (4)	PM ₁₀	0.11	0.23
		VOC	0.01	0.01
		NO _x	0.30	0.66
		SO ₂	0.68	1.48
		CO	0.08	0.16
3.	Lime Storage Silo (4)	PM ₁₀	0.01	<0.01
4.	Asphalt Storage Tank (4)	VOC	<0.01	<0.01
5.	Storage Silo Filling (4)	PM	0.14	0.05
		VOC	1.35	0.53
		CO	0.13	0.05
6.	Truck Load-Out	PM	0.10	0.04
		VOC	0.43	0.17
		CO	0.15	0.06
7.	Aggregate Stockpiles (4)	PM		0.38
		PM ₁₀		0.19

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	TPY**			
8.	Cold Mix Stockpiles (4)	VOC	0.72	0.30
9.	Material Handling (4)	PM	1.49	0.71
		PM ₁₀	0.59	0.28

- (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 PM₁₀
PM₁₀ - 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_x - total oxides of nitrogen
SO₂ - 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:

10 Hrs/day 5 Days/week 40 Weeks/year or 2,000 Hrs/year

Standard Hot Mix: Tons/hour 325 Tons/year 235,000

Standard Hot Mix with Rubber: Tons/hour 150 Tons/year 10,000

Cold Mix with Slow Cure: Tons/hour 150 Tons/year 10,000

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

Dated April 12, 2005