

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

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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. 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)	<u>Emission Rates *</u>	
			lb/hr	TPY
EPN 11	Baghouse Stack	PM	11.02	11.02
		PM ₁₀	7.68	7.68
		NO _x	18.37	18.37
		CO	43.42	43.42
		SO ₂	3.67	3.67
		VOC(a)	10.69	10.30
		VOC(b ₁)	700.00	3.50
		VOC(b ₂)	350.00	1.75
		VOC(c)	75.48	2.26
EPN 18	Hot Mix Silo Filling (4)	PM	0.20	0.20
		VOC	4.07	4.07
		CO	0.39	0.39
EPN 19	Truck Loadout	PM	0.17	0.17
		VOC	1.31	1.31
		CO	0.45	0.45

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
EPN 17	Tank Heater	PM	0.06	0.13
		NO _x	0.35	0.77
		CO	0.09	0.19
		SO ₂	0.75	1.63
		VOC	<0.01	0.01
EPN 13	Asphalt Storage Tank (4)	VOC	---	0.02
EPN 14	Asphalt Storage Tank 2 (4)	VOC	---	0.02
EPN 15	Fuel Oil Storage Tank (4)	VOC	---	0.01
EPN 16	Antistrip Storage Tank (4)	VOC	---	0.01
STK	Stockpiles (4)	PM	---	1.20
		PM ₁₀	---	0.60
		VOC (b ₁)	4.20	0.88
		VOC (b ₂)	2.10	0.44
EPNs 1-10, 12, 20	Material Handling (4)	PM	0.63	0.63
		PM ₁₀	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) PM - particulate matter, suspended in the atmosphere, including PM₁₀
 PM₁₀ - particulate matter equal to or less than 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.

NO_x - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code § 101.1.

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- VOC(a) - asphalt vapors from standard mix and fuel combustion vapors.
 VOC(b₁) - VOCs from cold mix with medium cure.
 VOC(b₂) - 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.

- * 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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Dated May 24, 2005