

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 22285

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	Drum/Dryer Baghouse Stack	PM	4.62	2.93
		PM ₁₀	4.62	2.93
		VOC (a)	9.60	3.68
		VOC (b)	612.50	21.00
		NO _x	16.50	6.33
		SO ₂	3.58	1.27
		CO	39.00	14.95
2	Lime Silo Baghouse	PM	0.05	0.01
		PM ₁₀	0.05	0.01
3	Stockpile Fugitives (4)	PM	-	1.68
		PM ₁₀	-	0.81
		VOC (a)	0.21	3.15
4	Raw Aggregate Process (4)	PM	0.15	0.06
		PM ₁₀	0.13	0.06
5	Asphalt Heater Vent (4)	PM ₁₀	0.02	0.05
		VOC	<0.01	<0.01
		NO _x	0.20	0.45
		SO ₂	0.43	0.95
		CO	0.05	0.11
6	Lime Storage Silo (4)	PM ₁₀	0.05	0.02
7	Asphalt Storage Tank (4)	VOC	<0.01	0.03
8	Fuel Oil Storage Tank (4)	VOC	<0.01	0.02

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			lb/hr	TPY
9	Diesel Storage Tank (4)	VOC	<0.01	0.01
10	Storage Silo Filling (4)	PM ₁₀	0.18	0.07
		VOC	1.95	0.75
		CO	0.19	0.08
11	Truck Loadout	PM ₁₀	0.09	0.03
		VOC	0.19	0.08
		CO	0.07	0.03

(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 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.

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

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:

24 Hrs/day 7 Days/week 40 Weeks/year or 6,720 Hrs/year

Standard Hot Mix: Tons/hr 300 Tons/year 200,000

Cutback Cold Mix: Tons/hr 175 Tons/day 1,050 Tons/year 6,000

Emulsified Cold Mix: Tons/hr 175 Tons/day 1,450 Tons/year 24,000

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			lb/hr	TPY

Dated November 6, 2003