

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 5091

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	Source	Air Contaminant	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY**
5	Venturi Scrubber Stack	PM	10.85	6.41
		VOC (a)	7.71	4.40
		VOC (b)	201.25	8.75
		NO _x	13.26	7.84
		SO ₂	13.98	8.27
		CO	31.33	18.53
1	Lime Silo Baghouse (4)	PM ₁₀	0.05	0.02
12	Hot Oil Heater Vent (4)	PM	0.15	0.32
		VOC	<0.01	<0.01
		NO _x	0.35	0.77
		SO ₂	0.79	1.72
		CO	0.02	0.05
8	Asphalt Storage Tank (4)	VOC	<0.01	0.02
12	Fuel Oil Storage Tank (4)	VOC	<0.01	0.01
13	Fuel Oil Storage Tank (4)	VOC	<0.01	0.01
14	Diesel Storage Tank (4)	VOC	<0.01	0.01
15	Antistrip Tank (4)	VOC	<0.01	0.03
9	Storage Silo Filling (4)	PM	0.29	0.17
		VOC	10.30	6.09
		CO	1.00	0.59

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
10	Truck Load-Out	PM	0.33	0.20
		VOC	3.30	1.95
		CO	1.14	0.67
2	Aggregate Stockpiles (4)	PM		1.63
		PM ₁₀		0.77
11	Cold Mix Stockpiles (4)	VOC	2.1	8.75
3	Material Handling (4)	PM	0.57	0.28
		PM ₁₀	0.26	0.13

(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.

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

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:

8 Hrs/day 5 Days/week 50 Weeks/year or 2,000 Hrs/year

Standard Hot Mix: Tons/hour 241 Tons/year 275,000

 Cold Mix with Emulsion: Tons/hour 115 Tons/year 10,000

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

Dated _____