

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 23539

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**
12	Baghouse Stack	PM	11.55	6.85
		PM ₁₀	8.05	4.77
		VOC(a)	11.20	6.64
		VOC(b)	262.50	13.13
		NO _x	13.25	11.41
		SO ₂	20.30	12.04
		CO	45.50	26.98
16	Asphalt Heater Vent (4)	PM ₁₀	0.06	0.13
		VOC	<0.01	0.01
		NO _x	0.35	0.76
		SO ₂	0.79	1.72
		CO	0.09	0.19
17A, 17B	Asphalt Storage Tank (4)	VOC	<0.01	0.04
18A	Fuel Oil Storage Tank (4)	VOC	<0.01	0.02
18B, 18C	Diesel Storage Tank (4)	VOC	<0.01	0.01
19	Antistrip Tank (4)	VOC	<0.01	<0.01
13	Storage Silo Filling (4)	PM ₁₀	0.21	0.12
		VOC	4.27	2.53
		CO	0.41	0.24
14	Truck Load-Out (5)	PM ₁₀	0.34	0.11
		VOC	2.54	0.81
		CO	0.88	0.28

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
11	RAP Crusher/Breaker	PM	0.11	0.05
		PM ₁₀	0.05	0.02
MHFUG	Material Handling (4, 6)	PM	0.72	0.43
		PM ₁₀	0.34	0.20
SPFUG	Aggregate Stockpiles (4)	PM		1.81
		PM ₁₀		0.90
SPFUG	Cold Mix Stockpiles (4)	VOC	10.50	1.31
MHFUG	Railyard Material Handling (4)	PM	1.88	3.29
		PM ₁₀	0.79	1.39
SPFUG	Railyard Aggregate Stockpiles (4)	PM		3.61
		PM ₁₀		1.81

(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) - 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.

(5) Includes three simultaneous truck loadout locations

(6) Includes EPNs 1 through 10

Permit Number 23539
Page 3

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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

12 Hrs/day 7 Days/week 52 Weeks/year or 4,368 Hrs/year

Standard Hot Mix:	Tons/hour	<u>350</u>	Tons/year	<u>400,000</u>
Cold Mix with Emulsion:	Tons/hour	<u>150</u>	Tons/year	<u>15,000</u>

Dated July 12, 2004