

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 84441L001

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**
STK1	Drum Dryer Baghouse Stacks (5)	PM ₁₀	8.58	7.15
		NO _x	33.00	27.50
		CO	78.00	65.00
		VOC (a)	19.20	16.00
		VOC (b)	1050.00	17.50
		SO ₂	34.80	29.00
		HCl	0.13	0.11
HTR1	Hot Oil Heater (4)	PM	0.02	0.04
		PM ₁₀	0.02	0.04
		NO _x	0.14	0.24
		CO	0.04	0.06
		VOC (a)	<0.01	<0.01
		SO ₂	0.61	1.01
HTR2	Hot Oil Heater (4)	PM	0.02	0.04
		PM ₁₀	0.02	0.04
		NO _x	0.14	0.24
		CO	0.04	0.06
		VOC (a)	<0.01	<0.01
		SO ₂	0.61	1.01
AC1, AC2, AC3, AC4	AC Tanks (4)	VOC (b)	0.02	<0.01
DS1	Diesel Tank (4)	VOC (b)	0.17	0.01
FO1	Recovered Oil Tank (4)	VOC (b)	<0.01	<0.01
LS1	Lime Silo	PM ₁₀	0.04	0.19

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DP1, DP2, TR1, TR2, TR3, TR4, TR5	Material Handling (4)	PM	5.44	6.06
		PM ₁₀	2.57	2.87
SC1	Aggregate Screening (4)	PM	1.06	0.88
		PM ₁₀	0.50	0.42
CR1	RAP Crusher (4)	PM	0.19	0.62
		PM ₁₀	0.09	0.30
SC2	RAP Screening (4)	PM	0.27	0.88
		PM ₁₀	0.13	0.42
H1	Silo Filling (4)	PM ₁₀	0.35	0.29
		CO	0.71	0.59
		VOC (a)	7.31	6.09
LO1	Truck Loading	PM ₁₀	0.31	0.26
		CO	0.81	0.68
		VOC (a)	2.50	2.08
CRT1	Crumb Rubber Tank (4)	VOC (a)	0.23	0.01
RS1	Crumb Rubber Silo	PM ₁₀	0.04	0.19
SP 1, SP2, SP3	Aggregate Stockpiles (4)	PM	-	0.14
		PM ₁₀	-	0.07
		VOC (b)	12.60	1.75

(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 an area name or fugitive source name.

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- (3) 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
PM - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
CO - carbon monoxide
HCl - hydrogen chloride
- (4) Fugitive emissions are an estimate only.
- (5) Baghouse Stacks (STK1) include exhaust from both fabric filter baghouses vented from the drum dryer.

- * 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 52 Weeks/year or 8,760 Hrs/year

Maximum standard hot mix: 600 TPH and 1,000,000 TPY

Rubber modified mix: 500 TPH and 40,000 TPY

Cold mix (medium): 300 TPH and 10,000 TPY

- ** Compliance with annual emission limits is based on a rolling 12-month period

Dated February 23, 2009