

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 44824A

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	Baghouse Stack	PM ₁₀	9.20	8.74
		VOC (a)	12.80	11.20
		VOC (b)	90.40	10.30
		NO _x	22.00	20.90
		SO ₂	23.20	22.04
		CO	52.00	49.40
2	Lime Storage Silo (4)	PM ₁₀	0.05	0.03
3F	RAP Crushing (4)	PM ₁₀	0.05	0.03
4F	RAP Screening (4)	PM	0.30	0.20
		PM ₁₀ 0.03	<0.01	
5F	Aggregate Screening (4) and Pugmill	PM	0.11	0.10
		PM ₁₀	0.02	<0.01
6F	Drop Points (4)	PM	0.37	0.40
		PM ₁₀ 0.04	<0.01	
7F	Stockpiles (4)	PM		0.10
		PM ₁₀	0.10	
8	Hot Oil Heater	PM ₁₀	0.08	0.13
		VOC	<0.01	<0.01
		NO _x	0.20	0.31
		SO ₂	0.46	0.69
		CO	0.05	0.77

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
9	Diesel Engine (5)	PM ₁₀	0.66	1.00
		VOC	0.25	0.40
		NO _x	22.01	33.00
		SO ₂	4.60	6.90
		CO	2.48	3.70
10	Storage Silo Filling (4)	PM ₁₀	0.25	0.13
		VOC	4.27	2.13
		CO	0.41	0.21
11	Truck Load-Out	PM ₁₀	0.21	0.10
		VOC	1.37	0.68
		CO	0.47	0.24
12	Material Handling (4)	PM	0.24	0.20

- (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 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) - additional VOC due to the use of crumb rubber
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.
- (5) This source is authorized under Permit by Rule 106.512.

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

Standard Hot Mix: Tons/hour 500 Tons/year 500,000

Standard Hot Mix with Rubber: Tons/hour 400 Tons/year 100,000

Dated _____