

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 50243

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**
10	Dryer Baghouse Stack	PM	13.20	10.40
		PM ₁₀ 9.20	7.25	
		NO _x 22.0	17.33	
		CO 52.0	41.0	
		SO ₂ 23.20	18.27	
		VOC(a)	12.80	9.60
		VOC(b)	90.40	3.39
		HCl 0.08	0.07	
16	Lime Silo Bagfilter	PM ₁₀	0.05	0.03
FUG-SP	Stockpile Fugitives (4)	PM		0.26
		PM ₁₀	0.13	
1-5, 7, and 8	Material Handling (4)	PM	0.025	0.02
		PM ₁₀	0.011	0.01
9	Aggregate Screen (4)	PM	0.13	0.01
		PM ₁₀ 0.06	0.05	
21	RAP Feed Bin (4)	PM	0.01	0.005
		PM ₁₀ 0.004	0.002	
22	RAP Bin to Conveyor (4)	PM	0.013	0.007
		PM ₁₀ 0.006	0.003	
23	RAP Crusher (4)	PM ₁₀	0.07	0.04
24	RAP Screen (4)	PM	0.03	<0.02
		PM ₁₀ <0.02	<0.01	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)		<u>Emission Rates *</u>	
				lb/hr	TPY**
12	Hot Oil Heater		NO _x	0.20	0.45
		CO	0.05	0.11	
		SO ₂	0.43	0.95	
		PM	0.02	0.04	
			VOC	<0.01	<0.01
11	AC Tank		PM	<0.0001	<0.001
			VOC	<0.0001	0.025
15	Antistrip Tank		VOC		<0.001
13	Blended Oil Tank		TOC		<0.0001
14	Diesel Tank		VOC		0.002
17	Silo Filling (4)		PM	0.16	0.13
		CO	0.13	0.10	
		VOC	1.38	1.07	
18	Truck Loadout (4)		PM	0.11	0.09
		CO	0.15	0.12	
		VOC	0.44	0.34	
20	Yard Fugitives (4)		PM	0.04	0.03
		TOC	0.44	0.35	
		CO	0.14	0.11	

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- (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.
- (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.
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
VOC(a) - asphalt vapor
VOC(b) - total VOC when using recycled rubber
HCl - hydrogen chloride
TOC - total organic compounds
- (4) Fugitive emissions are an estimate only.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,736 Hrs/year

Maximum Hourly Production: 400 tons per hour

Maximum Annual Standard Mix Production: 600,000 tons

Maximum Annual Production with Rubber: 30,000 tons

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

Dated_____