

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 416D

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	Cyclone, Vertical Wet Washer, and Dynamic Precipitator Stack	PM ₁₀	10.43	3.38
		VOC (a)	6.4	2.07
		VOC (b)	34.20	10.26
		VOC (c)	175	8.40
		NO _x	11	3.56
		SO ₂	11.6	3.76
		CO	26	8.4
2	Stockpile Fugitives (4)	PM	-	12.96
		PM ₁₀	-	6.20
		VOC (c)	4.20	2.52
Fug.	Roads (4)	PM	-	2.84
		PM ₁₀	-	1.27
3, 4, and 5	Raw Aggregate Process (4)	PM	5.91	1.77
		PM ₁₀	2.79	0.84
6	Truck Loadout (4)	PM	0.16	0.05
		CO	0.47	0.15
		VOC	1.36	0.44
7	Silo Filling	PM	0.16	0.05
		CO	0.41	0.13
		VOC	1.36	0.44
8	Hot Oil Heater	PM ₁₀	0.01	0.01
		NO _x	0.03	0.03
		CO	0.01	0.01
		SO ₂	<0.01	<0.01
		VOC	<0.01	<0.01

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- (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 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
VOC (b) - additional VOC due to the use of recycled rubber
VOC (c) - primarily diesel or kerosene 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:

Hrs/day 10 Days/week 5.5 Weeks/year 50 or Hrs/year 2,750

Standard Hot Mix: 200 tons/hour, 120,000 tons/year

Hot Mix w/Recycled Rubber Option: 200 tons/hour, 50,000 tons/year

Cold Mix Asphalt Concrete with Emulsion: 100 tons/hour, 2,000 tons/week, 9,600 tons/year

Dated _____