

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 42292

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*
Asphalt Plant				
24	Dryer Fabric Filter Stack	PM	13.20	16.50
		PM ₁₀	9.20	11.50
		NO _x	10.40	13.00
		CO	52.00	65.00
		SO ₂	1.36	1.70
		VOC (a)	12.80	9.55
		VOC (b)	525.00	3.25
		VOC (c)	90.40	45.20
21	Silo Filling (4)	PM	0.23	0.29
		CO	0.47	0.59
		VOC	4.87	6.09
22	Truck Loadout (4)	PM	0.21	0.26
		CO	0.54	0.67
		VOC	1.56	1.95
25	Hot Oil Heater	PM ₁₀	0.01	0.03
		NO _x	0.19	0.41
		CO	0.02	0.04
		SO ₂	0.03	<0.06
		VOC	0.01	0.02
26-29	Tanks	VOC	0.03	0.15
FUG1	Stockpiles (5)	PM	-.	2.69
		PM ₁₀	-.	1.34
		VOC(b)	1.05	1.63
23	Lime Silo Fabric Filter	PM ₁₀	0.05	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	AIR CONTAMINANTS DATA	
			Emission Rates *	
			lb/hr	TPY*
1-20	Material Handling (4)	PM	1.43	1.79
		PM ₁₀	0.49	0.61
Soil Stabilization Plant				
39	Cement Silo Fabric filter	PM ₁₀	0.04	0.01
30-38	Material Handling (4)	PM	0.69	0.12
		PM ₁₀	0.30	0.04
FUG2	Stockpiles (4)(6)	PM	-.--	0.23
		PM ₁₀	-.--	0.11

(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) VOC - volatile organic compounds

(a) - for standard mix asphalt concrete

(b) - for cold mix asphalt concrete

(c) - additional VOC due to crumb in hot mix asphalt concrete

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

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Based on 2.5 acres of active stockpiles.

(6) Based on 0.19 acres of active stockpiles.

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

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			Emission Rates *	
			lb/hr	TPY*

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

14 Hrs/day 6 Days/week 52 Weeks/year or 4,368 Hrs/year

Asphalt Plant Maximum Allowable Production

Standard Hot Mix Asphalt Concrete: 400 tons per hour (tph) and 600,000 tons per year (tpy).

Modified Crumb Rubber: 400 tph and 400,000 tpy.

Cold Mix 300 tph, 500 tons per week, and 3,715 tpy.

Soil Stabilization Plant Allowable Throughput

Maximum Hourly Throughput: 200 tons

Maximum Yearly Throughput: 70,000 tons

Dated September 28, 2009