

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 34293

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.

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	AIR CONTAMINANTS DATA	
			Emission Rates **	
			lb/hr	TPY*
<u>Asphalt Plant</u>				
AP-9	Dryer Baghouse Stack	PM ₁₀	13.59	6.34
		VOC(a)	14.40	6.72
		NO _x	24.75	11.55
		CO	58.50	27.30
		SO ₂	4.95	2.31
AP-15	Silo Filling (4)	PM ₁₀	0.26	0.12
		VOC	5.48	2.56
		CO	0.53	0.25
AP-16	Truck Loadout (4)	PM ₁₀	0.23	0.11
		VOC	1.76	0.82
		CO	0.61	0.28
AP-17 A	Hot Oil Heater 1	PM ₁₀	0.06	0.25
		VOC	<0.01	0.02
		NO _x	0.34	1.49
		CO	0.02	0.09
		SO ₂	1.45	6.34
AP-17 B	Hot Oil Heater 2	PM ₁₀	0.06	0.25
		VOC	<0.01	0.02
		NO _x	0.34	1.49
		CO	0.02	0.09
		SO ₂	1.45	6.34
AP -18A	AC Tank (4) (5)	VOC	<0.01	0.02
AP- 18B	AC Tank (4) (5)	VOC	<0.01	0.02
AP-19	Fuel Oil Storage Tank (4)	VOC	<0.01	0.01

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AIR CONTAMINANTS DATA				
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates **	
			lb/hr	TPY*
AP - STK	Asphalt Plant (4) Material Stockpiles	PM	-.--	2.89
		PM ₁₀	-.--	1.45
AP-14	Lime Silo Baghouse (6)	PM ₁₀	0.05	0.02
AP -1-6, 8,and 10-12	Drop Points (4)	PM	0.25	0.12
		PM ₁₀	0.09	0.04
AP-7	Aggregate Screen (4)	PM	1.00	0.47
		PM ₁₀	0.34	0.16
AP-13	RAP Screen (4)	PM	0.28	0.13
		PM ₁₀	0.10	0.04
AP-20-21	Cellulose Handling (4)(6)	PM	0.03	0.01
		PM ₁₀	0.01	0.01
<u>Aggregate Distribution Operations/Rail Unloading Facility</u>				
RU MTL	Rail Unloading Material Handling (4)	PM	0.32	0.32
		PM ₁₀	0.15	0.15
RU - 22	Rail Unloading Diesel Tank (4)	VOC	<0.01	<0.01
RU- STK	Rail Unloading (4) Material Stockpiles	PM	-.--	2.17
		PM ₁₀	-.--	1.08

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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- (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
VOC (a) - mainly asphalt vapors
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
- (4) Fugitive emissions are an estimate only.
- (5) Authorized by Permit By Rule (PBR) Number § 106.150 (Registration Number 51718L001. July 30, 2002)
- (6) Authorized by Permit By Rule Number § 106.144/106.261 (Registration Number 75947L001. June 9, 2005)
- * Compliance with annual emission limits is based on a rolling 12-month period.
- ** Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Standard Mix: 450 tons/hr and 420,000 tons/yr

Railcar Unloading Operation (7): 1,500 tons/hr and 3,000,000 tons/yr ***

*** Production increase authorized by PBR Number § 106.261 (Registration Number 77045, October 24, 2005)

Dated August 21, 2007