

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, sources, and related activities. 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** (5)	
			lbs/hour	TPY*
AP-9	Dryer Baghouse Stack	PM	13.59	6.34
		PM ₁₀	13.59	6.34
		PM _{2.5}	13.17	6.10
		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	0.26	0.12
		PM ₁₀	0.26	0.12
		PM _{2.5}	0.26	0.12
		VOC	5.48	2.56
		CO	0.53	0.25
AP-16	Truck Loadout (4)	PM	0.23	0.11
		PM ₁₀	0.23	0.11
		PM _{2.5}	0.23	0.11
		VOC	1.76	0.82
		CO	0.61	0.28
AP-17A	Hot Oil Heater 1	PM	0.05	0.21
		PM ₁₀	0.05	0.21
		PM _{2.5}	0.05	0.21
		VOC	<0.01	0.02
		NO _x	0.28	1.24
		CO	0.02	0.07
		SO ₂	0.10	0.44

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AP-17 B	Hot Oil Heater 2	PM	0.05	0.21
		PM ₁₀	0.05	0.21
		PM _{2.5}	0.05	0.021
		VOC	0.01	0.02
		NO _x	0.28	1.24
		CO	0.02	0.07
		SO ₂	0.10	0.44
AP-18 A	AC Tank (4)	VOC	<0.01	0.02
AP-18 B	AC Tank (4)	VOC	<0.01	0.02
AP-19	Fuel Oil Storage Tank (4)	VOC	<0.01	0.01
AP-STK	Asphalt Plant Material Stockpiles (4)	PM	-.--	2.89
		PM ₁₀	-.--	1.45
		PM _{2.5}	-.--	0.22
AP-1-6, 8, and 10-12	Drop Points (4)	PM	0.25	0.12
		PM ₁₀	0.09	0.04
		PM _{2.5}	0.01	0.01
AP-7	Aggregate Screen (4)	PM	1.00	0.47
		PM ₁₀	0.34	0.16
		PM _{2.5}	0.05	0.02
AP-13	RAP Screen (4)	PM	0.28	0.13
		PM ₁₀	0.10	0.04
		PM _{2.5}	0.02	0.01

- (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) VOC - volatile organic compounds
VOC (a) - mainly asphalt vapors
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
(4) Fugitive emissions are an estimate only.
(5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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- * 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

Date: January 13, 2017