

Emission Sources - Maximum Allowable Emission Rates

Permit Number 20609

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 (7)	
			lbs/hour	TPY (4)
MH	Material Handling (5)(8)	PM	0.19	0.11
		PM ₁₀	0.06	0.04
		PM _{2.5}	0.01	0.01
12	Mineral Storage Silo Baghouse Stack	PM	0.05	0.02
		PM ₁₀	0.05	0.02
		PM _{2.5}	0.05	0.02
13	Drum Dryer Baghouse Stack	PM ₁₀	9.32	5.65
		PM _{2.5}	8.92	5.41
		VOC(a)	12.80	7.44
		VOC(b)	525.00	17.50
		NO _x	22.00	13.34
		SO ₂	23.20	14.07
		CO	52.00	31.53
16	Hot Oil Heater Stack	PM	0.05	0.21
		PM ₁₀	0.04	0.15
		PM _{2.5}	0.03	0.14
		VOC	0.03	0.11
		NO _x	0.34	1.47
		SO ₂	0.02	0.10
		CO	0.19	0.85
17-23	Tanks (3 Liquid Asphalt Tanks, 1 Diesel Tank, 2 Fuel Oil Tanks, and 1 Antistrip Tank) (5)	VOC	0.05	0.23

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14	Silo Filling (5)	PM	0.19	0.12
		PM ₁₀	0.19	0.12
		PM _{2.5}	0.19	0.12
		VOC	2.92	1.77
		CO	0.28	0.17
15	Truck Loadout (5)	PM	0.23	0.09
		PM ₁₀	0.23	0.09
		PM _{2.5}	0.23	0.09
		VOC	1.41	0.57
		CO	0.49	0.20
STK	Stockpiles (5)(6)	PM	--	2.17
		PM ₁₀	--	1.08
		PM _{2.5}	--	0.16
		VOC(b)	4.20	--

- (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 as defined in Title 30 Texas Administrative Code § 101.1
 - VOC(a) - asphalt vapors from standard mix and fuel combustion vapors
 - VOC(b) - asphalt vapors from cold mix concrete mixes with emulsion
 - 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) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) 24-hour cold mix storage as governed by permit Special Conditions.
- (7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- (8) MH includes emissions from the Aggregate Cold Feed Bins, RAP System, RAS System, Conveyors, and Screens (EPNs 1-11 and 24-26).

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Date: March 4, 2016