

Emission Sources - Maximum Allowable Emission Rates

Permit Number 80807

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 (6)	
			lbs/hour	TPY (4)
D-1	Dryer Baghouse Stack	PM	14.17	15.81
		PM ₁₀	14.17	15.81
		PM _{2.5}	13.74	15.30
		VOC(a)	10.40	10.88
		VOC(b)	10.40	0.64
		VOC(c)	393.75	4.38
		NO _x	17.88	19.94
		SO ₂	18.85	21.03
		CO	42.25	47.13
		HCl	0.07	0.08
1-6	Aggregate and Field Sand Handling (5)	PM	0.03	0.03
		PM ₁₀	0.01	0.01
		PM _{2.5}	<0.01	<0.01
7	Aggregate Screen (5)	PM	0.50	0.57
		PM ₁₀	0.17	0.19
		PM _{2.5}	0.01	0.01
8	RAP Feed Bin (5)	PM	0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
9	RAP Bin to Conveyor (5)	PM	0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
10	Conveyor to Conveyor (5)	PM	0.01	0.01
		PM ₁₀	<0.01	<0.01

Emission Sources - Maximum Allowable Emission Rates

		PM _{2.5}	<0.01	<0.01
11	RAP Screen (5)	PM	0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
12	RAP Crusher (5)	PM	<0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
15	Silo Filling (5)	PM	0.19	0.20
		PM ₁₀	0.19	0.20
		PM _{2.5}	0.19	0.20
		VOC	3.96	4.14
		CO	0.38	0.40
16	Plant Loadout (5)	PM	0.17	0.18
		PM ₁₀	0.17	0.18
		PM _{2.5}	0.17	0.18
		VOC	1.27	1.33
		CO	0.44	0.46
H-1	Hot Oil Heater	PM	0.03	0.06
		PM ₁₀	0.03	0.06
		PM _{2.5}	0.03	0.06
		VOC	<0.01	0.01
		NO _x	0.26	0.57
		SO ₂	0.55	1.21
		CO	0.07	0.14
STK-CM	Cold Mix Stockpiles (5)	VOC(c)	8.40	2.19
19A	AC Tank (5)	VOC	0.01	0.02
19B	AC Tank (5)	VOC	0.01	0.02
19C	AC Tank (5)	VOC	0.01	0.02
20A	Fuel Tank	VOC	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

20B	Fuel Tank	VOC	0.01	0.01
20C	Fuel Tank	VOC	0.01	0.01
21	Anti-Strip Tank	VOC	0.01	0.01
STK-AP	Material Stockpiles (5)	PM	0.42	1.83
		PM ₁₀	0.20	0.87
		PM _{2.5}	0.03	0.04

- (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) - additional VOC due to the use of crumb rubber
 - VOC(c) - produced by cold mix
 - 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
 - HCl - hydrogen chloride
- (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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: February 22, 2017