

Emission Sources - Maximum Allowable Emission Rates

Permit Number 84769

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)
44	Crusher (5)	PM	0.01	0.02
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
3	Wet Scalping Screen (5)	PM	0.53	1.50
		PM ₁₀	0.13	0.36
		PM _{2.5}	0.02	0.05
45	Sizing Screen (5)	PM	0.01	0.01
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
6	Dewatering Screen (5)	PM	0.01	0.01
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
9	Derrick Screen (5)	PM	0.01	0.01
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
19	Virgin Aggregate Screen Dust Collector Stack	PM	0.05	0.21
		PM ₁₀	0.05	0.21
		PM _{2.5}	0.01	0.03
31	Mineral Screen #1 (5)	PM	0.08	0.21
		PM ₁₀	0.02	0.05

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		PM _{2.5}	<0.01	0.01
32	Mineral Screen #2 (5)	PM	0.08	0.21
		PM ₁₀	0.02	0.05
		PM _{2.5}	<0.01	0.01
33	Apex Screen (5)	PM	0.07	0.19
		PM ₁₀	0.02	0.05
		PM _{2.5}	<0.01	0.01
22	Silo 1 Baghouse Stack	PM	<0.01	0.02
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
23	Silo 2 Baghouse Stack	PM	<0.01	0.02
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
24	Silo 3 Baghouse Stack	PM	<0.01	0.02
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	0.02
36	Silo 4 Baghouse Stack	PM	0.01	0.02
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02
37	Silo 5 Baghouse Stack	PM	0.01	0.02
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02
38	Silo 6 Baghouse Stack	PM	0.01	0.02
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02
STK	Stockpiles (5)	PM	---	1.07

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		PM ₁₀	---	0.54
		PM _{2.5}	---	0.08
17	Rotary Dryer Baghouse Stack	VOC	0.26	1.15
		NO _x	4.76	20.86
		SO ₂	<0.01	<0.01
		PM	2.46	10.79
		PM ₁₀	2.46	10.79
		PM _{2.5}	2.46	10.79
		CO	4.00	17.52
1-2, 4-5, 7-8, 10-16, 18, 20-21, 25-30, 34- 35, 39-43, 46-47, & C- 1	Material Handling (5)	PM	0.10	0.34
		PM ₁₀	0.03	0.12
		PM _{2.5}	0.01	0.02
2AST05, 2AST06, 4AST01, 4AST03, 4AST04, and 4AST05	10,000 Gal. Diesel Tank; 8,000 Gal. Diesel Tank; 1,000 Gal. Gasoline Tank; 340 Gal. Hydraulic Fluid Tank; 340 Gal. Motor Oil Tank; and 1,000 Gal. Recycled Oil Tank	VOC	0.09	0.23

- (1) Emission point identification (EPN) - 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) 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
 - NO_x
 - total oxides of nitrogen
 - CO
 - carbon monoxide
 - SO₂
 - sulfur dioxide
 - VOC
 - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (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.

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(6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: April 13, 2015