

Emission Sources - Maximum Allowable Emission Rates

Permit Number 29322

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)
102	Truck Receiving System Baghouse Stack	PM	0.03	0.08
		PM ₁₀	0.01	0.01
		PM _{2.5}	<0.01	<0.01
103	Truck Receiving System (5)	PM	0.38	--
		PM ₁₀	0.06	--
		PM _{2.5}	0.01	--
119	Railcar Receiving Pit No. 1 (5)	PM	0.72	--
		PM ₁₀	0.18	--
		PM _{2.5}	0.03	--
120	Railcar Receiving Pit No. 2 (5)	PM	4.00	--
		PM ₁₀	0.98	--
		PM _{2.5}	0.16	--
	Total Annual Truck and Railcar Receiving Operations (5)	PM	--	1.58
		PM ₁₀	--	0.38
		PM _{2.5}	--	0.06
149	Receiving Turnhead System Baghouse Stack	PM	0.18	0.12
		PM ₁₀	0.18	0.12
		PM _{2.5}	0.18	0.12
161	Pneumatic Receiving System No. 1 Baghouse Stack	PM	0.07	<0.01
		PM ₁₀	0.07	<0.01
		PM _{2.5}	0.07	<0.01

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163	Pneumatic Receiving System No. 2 Baghouse Stack	PM	0.07	<0.01
		PM ₁₀	0.07	<0.01
		PM _{2.5}	0.07	<0.01
165	Pneumatic Receiving System No. 3 Baghouse Stack	PM	0.07	<0.01
		PM ₁₀	0.07	<0.01
		PM _{2.5}	0.07	<0.01
227	Hammermilling System No. 1 Baghouse Stack	PM	0.60	--
		PM ₁₀	0.60	--
		PM _{2.5}	0.60	--
257	Hammermilling System No. 2 Baghouse Stack	PM	0.60	--
		PM ₁₀	0.60	--
		PM _{2.5}	0.60	--
267	Hammermilling System No. 3 Baghouse Stack	PM	0.60	--
		PM ₁₀	0.60	--
		PM _{2.5}	0.60	--
	Total Annual Hammermill Operations	PM	--	4.10
		PM ₁₀	--	4.10
		PM _{2.5}	--	4.10
248	Ground Grain Turnhead System Baghouse Stack	PM	0.17	0.53
		PM ₁₀	0.17	0.53
		PM _{2.5}	0.17	0.53
555	Pellet Cooler System No. 1 Cyclone Stack	PM	<0.01	--
		PM ₁₀	<0.01	--
		PM _{2.5}	<0.01	--
655	Pellet Cooler System No. 2 Cyclone Stack	PM	<0.01	--
		PM ₁₀	<0.01	--
		PM _{2.5}	<0.01	--
	Total Annual Pellet Cooler Operations	PM	--	0.02
		PM ₁₀	--	0.01

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		PM _{2.5}	--	<0.01
785	Truck Loadout No. 1 (5)	PM	0.12	--
		PM ₁₀	0.03	--
		PM _{2.5}	0.05	--
786	Truck Loadout No. 2 (5)	PM	0.12	--
		PM ₁₀	0.03	--
		PM _{2.5}	0.05	--
	Total Annual Truck Loadout Operations (5)	PM	--	0.17
		PM ₁₀	--	0.04
		PM _{2.5}	--	0.01
901	400-hp Boiler Vent (with 720 hours of No. 2 Fuel Oil as backup)	PM	0.24	0.58
		PM ₁₀	0.12	0.53
		PM _{2.5}	0.12	0.53
		SO ₂	3.06	1.14
		NO _x	1.60	7.01
		CO	1.34	5.89
		VOC	0.09	0.39
902	700-hp Boiler Vent (with 720 hours of No. 2 Fuel Oil as backup)	PM	0.43	1.03
		PM ₁₀	0.22	0.96
		PM _{2.5}	0.22	0.96
		SO ₂	5.49	2.05
		NO _x	2.87	12.58
		CO	2.41	10.57
		VOC	0.16	0.69

- (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
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide

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|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| PM | - total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented |
| PM ₁₀ | - 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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: December 22, 2015