

Emission Sources - Maximum Allowable Emission Rates

Permit Number 73631

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)
TR1	Truck Receiving Pit No.1 (5)	PM	0.68	1.02
		PM ₁₀	0.10	0.15
		PM _{2.5}	0.02	0.03
TR2	Truck Receiving Pit No.2 (5)	PM	0.68	1.02
		PM ₁₀	0.10	0.15
		PM _{2.5}	0.02	0.03
RR1	Rail Receiving Pit No. 1 (5)	PM	0.68	1.02
		PM ₁₀	0.10	0.15
		PM _{2.5}	0.02	0.03
RR2	Rail Receiving Pit No. 2 (5)	PM	0.68	1.02
		PM ₁₀	0.10	0.15
		PM _{2.5}	0.02	0.03
RR3	Rail Receiving Pit No. 3 (5)	PM	0.68	1.02
		PM ₁₀	0.10	0.15
		PM _{2.5}	0.02	0.03
RR4	Rail Receiving Pit No. 4 (5)	PM	0.68	1.02
		PM ₁₀	0.10	0.15
		PM _{2.5}	0.02	0.03
	Total Truck and Rail Receiving Operations (5)	PM	--	1.02
		PM ₁₀	--	0.15
		PM _{2.5}	--	0.03
9	4.2 MMBtu/hr Boiler Stack	PM	0.03	0.14
		PM ₁₀	0.03	0.14

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		PM _{2.5}	0.03	0.14
		VOC	0.02	0.10
		NO _x	0.42	1.84
		CO	0.35	1.55
		SO ₂	<0.01	0.01
6	Pellet Cooler Cyclone No.1 Stack	PM	2.10	8.10
		PM ₁₀	1.05	4.05
		PM _{2.5}	0.18	0.68
7	Pellet Cooler Cyclone No.2 Stack	PM	2.10	8.10
		PM ₁₀	1.05	4.05
		PM _{2.5}	0.18	0.68
	Total Pellet Cooler Operations	PM	--	8.10
		PM ₁₀	--	4.05
		PM _{2.5}	--	0.68
L1	Loadout Spout No. 1 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
L2	Loadout Spout No. 2 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
L3	Loadout Spout No. 3 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
L4	Loadout Spout No. 4 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
L5	Loadout Spout No. 5 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01

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L6	Loadout Spout No. 6 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
L7	Loadout Spout No. 7 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
L8	Loadout Spout No. 8 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
L9	Loadout Spout No. 9 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
L10	Loadout Spout No. 10 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
L11	Loadout Spout No. 11 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
L12	Loadout Spout No. 12 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
L13	Loadout Spout No. 13 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
L14	Loadout Spout No. 14 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
L15	Loadout Spout No. 15 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05

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		PM _{2.5}	0.01	0.01
L16	Loadout Spout No. 16 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
L17	Loadout Spout No. 17 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
L18	Loadout Spout No. 18 (5)	PM	0.13	0.20
		PM ₁₀	0.03	0.05
		PM _{2.5}	0.01	0.01
	Total Loadout Operations (5)	PM	--	0.20
		PM ₁₀	--	0.05
		PM _{2.5}	--	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) 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
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.11
- NO_x - nitrogen oxides
- CO - carbon monoxide
- SO₂ - sulfur dioxide
- (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: May 22, 2015