

Emission Sources - Maximum Allowable Emission Rates

Permit Number 83258

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)
P1	Truck Receiving Pit #1 (5)	PM	0.43	--
		PM ₁₀	0.06	--
		PM _{2.5}	0.01	--
P2a	Truck Receiving Pit #2a (5)	PM	0.68	--
		PM ₁₀	0.10	--
		PM _{2.5}	0.02	--
P2b	Truck Receiving Pit #2b (5)	PM	0.68	--
		PM ₁₀	0.10	--
		PM _{2.5}	0.02	--
P3	Truck Receiving Pit #3 (5)	PM	0.68	--
		PM ₁₀	0.10	--
		PM _{2.5}	0.02	--
	Total Receiving Operations (5)	PM	--	0.85
		PM ₁₀	--	0.13
		PM _{2.5}	--	0.02
FI1	Pneumatic Receiving Filter	PM	0.10	0.10
		PM ₁₀	0.10	0.10
		PM _{2.5}	0.10	0.10
C1	Cooler No. 1 Cyclone	PM	4.50	4.88
		PM ₁₀	2.25	2.44
		PM _{2.5}	0.38	0.41
C2	Cooler No. 2 Cyclone	PM	1.50	2.63
		PM ₁₀	0.75	1.31
		PM _{2.5}	0.13	0.22

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C3	Bagger Aspirator Cyclone	PM	0.90	2.25
		PM ₁₀	0.23	0.57
		PM _{2.5}	0.04	0.10
C4	Grain Plant Aspirator Cyclone	PM	1.13	1.50
		PM ₁₀	0.29	0.38
		PM _{2.5}	0.05	0.06
C5	Grain Plant Cleaner Cyclone	PM	3.75	1.50
		PM ₁₀	0.95	0.38
		PM _{2.5}	0.16	0.06
L1	South Drag Loadout (5)	PM	2.58	--
		PM ₁₀	0.87	--
		PM _{2.5}	0.15	--
L2	North Drag Loadout (5)	PM	2.58	--
		PM ₁₀	0.87	--
		PM _{2.5}	0.15	--
L3	Dry Side Bagger (5)	PM	2.06	--
		PM ₁₀	0.70	--
		PM _{2.5}	0.12	--
L4	Sweet Side Bagger (5)	PM	1.03	--
		PM ₁₀	0.35	--
		PM _{2.5}	0.06	--
L5	Bulk Grain Loadout (5)	PM	2.58	--
		PM ₁₀	0.87	--
		PM _{2.5}	0.15	--
L6	Grain Plant Bagger (5)	PM	0.86	--
		PM ₁₀	0.29	--
		PM _{2.5}	0.05	--
L7	Grain Plant Loadout (5)	PM	1.72	--

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		PM ₁₀	0.58	--
		PM _{2.5}	0.10	--
L8	Bulk Grain Loadout (5)	PM	2.15	--
		PM ₁₀	0.73	--
		PM _{2.5}	0.12	--
	Total Loadout Operations (5)	PM	--	4.30
		PM ₁₀	--	1.45
		PM _{2.5}	--	0.25
B1	150 HP Boiler	PM	0.04	0.17
		PM ₁₀	0.04	0.17
		PM _{2.5}	0.04	0.17
		SO ₂	<0.01	0.01
		NO _x	0.50	2.20
		CO	0.42	1.85
		VOC	0.03	0.12

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

Date: March 1, 2018