

Emission Sources - Maximum Allowable Emission Rates

Permit Number 72865

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)
R1	Railcar Receiving Pit R1 (5)	PM	0.51	0.72
		PM ₁₀	0.08	0.11
		PM _{2.5}	0.01	0.02
R2	Railcar Receiving Pit R2 (5)	PM	0.51	0.72
		PM ₁₀	0.08	0.11
		PM _{2.5}	0.01	0.02
R3	Railcar Receiving Pit R3 (5)	PM	0.17	0.72
		PM ₁₀	0.03	0.11
		PM _{2.5}	0.01	0.02
R4	Railcar Receiving Pit R4 (5)	PM	1.90	0.72
		PM ₁₀	0.28	0.11
		PM _{2.5}	0.05	0.02
R5	Railcar Receiving Pit R5 (5)	PM	0.51	0.72
		PM ₁₀	0.08	0.11
		PM _{2.5}	0.01	0.02
T1	Truck Receiving Pit T1 (5)	PM	0.51	0.72
		PM ₁₀	0.08	0.11
		PM _{2.5}	0.01	0.02
T2	Truck Receiving Pit T2 (5)	PM	0.51	0.72
		PM ₁₀	0.08	0.11
		PM _{2.5}	0.01	0.02

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T3	Truck Receiving Pit T3 (5)	PM	1.90	0.72
		PM ₁₀	0.28	0.11
		PM _{2.5}	0.05	0.02
	Total Annual Receiving Operations	PM	--	0.72
		PM ₁₀	--	0.11
		PM _{2.5}	--	0.02
C1	Pellet Cooler Cyclone C1 Stack	PM	1.80	2.70
		PM ₁₀	0.90	1.35
		PM _{2.5}	0.15	0.23
C2	Pellet Cooler Cyclone C2 Stack	PM	2.57	3.86
		PM ₁₀	1.29	1.93
		PM _{2.5}	0.22	0.33
C4	Pellet Cooler Cyclone C4 Stack	PM	1.03	1.54
		PM ₁₀	0.51	0.77
		PM _{2.5}	0.09	0.13
C5	Pellet Cooler C5 Stack	PM	1.29	1.93
		PM ₁₀	0.64	0.96
		PM _{2.5}	0.11	0.16
C6	Pellet Cooler Cyclone C6 Stack	PM	2.57	3.86
		PM ₁₀	1.29	1.93
		PM _{2.5}	0.22	0.33
C7	Loadout Ventilation Cyclone Stack	PM	0.70	1.04
		PM ₁₀	0.35	0.52
		PM _{2.5}	0.06	0.09
C3	Corn Aspirator Cyclone Stack	PM	0.26	0.39
		PM ₁₀	0.13	0.19
		PM _{2.5}	0.02	0.03
B1	Boiler #1 Stack	PM	0.04	0.11
		PM ₁₀	0.04	0.11

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		PM _{2.5}	0.04	0.11
		VOC	0.03	0.08
		NO _x	0.50	1.51
		CO	0.42	1.27
		SO ₂	0.01	0.01
B2	Boiler #2 Stack	PM	0.02	0.05
		PM ₁₀	0.02	0.05
		PM _{2.5}	0.02	0.05
		VOC	0.01	0.03
		NO _x	0.20	0.60
		CO	0.17	0.51
		SO ₂	0.01	0.01
B3	Boiler #3 Stack	PM	0.01	0.02
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02
		VOC	0.01	0.02
		NO _x	0.10	0.30
		CO	0.08	0.25
		SO ₂	0.01	0.01
LR1	Peanut Hull Loadout LR1 (5)	PM	2.58	3.66
		PM ₁₀	0.87	1.23
		PM _{2.5}	0.15	0.21
LT5	Peanut Hull Loadout LT5 (5)	PM	0.26	3.66
		PM ₁₀	0.09	1.23
		PM _{2.5}	0.01	0.21
LT2	Railcar Loadout LT2 (5)	PM	2.58	3.66
		PM ₁₀	0.87	1.23
		PM _{2.5}	0.15	0.21
LT3	Finish Feed Loadout	PM	12.90	3.66

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		PM ₁₀	4.35	1.23
		PM _{2.5}	0.74	0.21
LT4-A	Ground Corn Loadout LT4-A (5)	PM	1.03	3.66
		PM ₁₀	0.35	1.23
		PM _{2.5}	0.06	0.21
LT4-B	Ground Corn Loadout LT4-B (5)	PM	1.03	3.66
		PM ₁₀	0.35	1.23
		PM _{2.5}	0.06	0.21
LT6-A	Soy Meal Loadout LT6-A (5)	PM	12.90	3.66
		PM ₁₀	4.35	1.23
		PM _{2.5}	0.74	0.21
LT6-B	Soy Meal Loadout LT6-B (5)	PM	12.90	3.66
		PM ₁₀	4.35	1.23
		PM _{2.5}	0.74	0.21
LT6-C	Soy Meal Loadout LT6-C (5)	PM	12.90	3.66
		PM ₁₀	4.35	1.23
		PM _{2.5}	0.74	0.21
LT6-D	Soy Meal Loadout LT6-D (5)	PM	12.90	3.66
		PM ₁₀	4.35	1.23
		PM _{2.5}	0.74	0.21
LT7-A	Flake Corn Loadout LT7-A (5)	PM	12.90	3.66
		PM ₁₀	4.35	1.23
		PM _{2.5}	0.74	0.21
LT7-B	Flake Corn Loadout LT7-B (5)	PM	12.90	3.66
		PM ₁₀	4.35	1.23
		PM _{2.5}	0.74	0.21
LT7-C	Flake Corn Loadout LT7-C (5)	PM	12.90	3.66
		PM ₁₀	4.35	1.23
		PM _{2.5}	0.74	0.21

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LT7-D	Flake Corn Loadout LT7-D (5)	PM	12.90	3.66
		PM ₁₀	4.35	1.23
		PM _{2.5}	0.74	0.21
LT7-E	Flake Corn Loadout LT7-E (5)	PM	12.90	3.66
		PM ₁₀	4.35	1.23
		PM _{2.5}	0.74	0.21
LT7-F	Flake Corn Loadout LT7-F (5)	PM	12.90	3.66
		PM ₁₀	4.35	1.23
		PM _{2.5}	0.74	0.21
LT8	Whole Corn Loadout LT8 (5)	PM	4.30	3.66
		PM ₁₀	1.45	1.23
		PM _{2.5}	0.25	0.21
LT9	Portable Backup Loadout LT9 (5)	PM	2.58	3.66
		PM ₁₀	0.87	1.23
		PM _{2.5}	0.15	0.21
LB1	Bagging Loadout LB1 (5)	PM	0.60	3.66
		PM ₁₀	0.20	1.23
		PM _{2.5}	0.03	0.21
	Total Annual Loadout Operations	PM	--	3.66
		PM ₁₀	--	1.23
		PM _{2.5}	--	0.21

- (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

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|-------------------|---|
| 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: March 30, 2015