

Emission Sources - Maximum Allowable Emission Rates

Permit Number 3564

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 (5)	
			lbs/hour	TPY (4)
R1	Rail Receiving Pit	PM PM ₁₀	1.70 0.25	-- --
R2	Truck Receiving Pit No. 1	PM PM ₁₀	1.70 0.25	-- --
R3	Truck Receiving Pit No. 2	PM PM ₁₀	0.85 0.13	-- --
R4	Truck Receiving Pit No. 3	PM PM ₁₀	1.28 0.19	-- --
	Total Receiving Operations	PM PM ₁₀	-- --	2.04 0.30
FI-1	R2 Truck Receiving Bag Filter	PM ₁₀	1.29	5.65
FI-2	Truck Pneumatic Receiving Bag Filter	PM ₁₀	0.12	0.53
C-3	700 Pellet Mill Cooler Cyclones	PM PM ₁₀	3.00 1.50	
C-4	900 Pellet Mill Cooler Cyclones	PM PM ₁₀	4.50 2.25	
C-8	Landers Pellet Mill Cooler Cyclones	PM PM ₁₀	3.00 1.50	
	Total Pellet Mill Operations	PM PM ₁₀	-- --	12.75 6.38
C-5	Mill Crimper No. 1	PM PM ₁₀	0.17 0.09	-- --
C-5	Mill Crimper No. 2	PM PM ₁₀	0.17 0.09	-- --
C-6	Mill Chopper/ Grinder Cyclone	PM PM ₁₀	1.21 0.61	-- --

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	Total Milling Operations	PM PM ₁₀	-- --	3.18 1.59
C-7	Grain Cleaner Cyclone	PM PM ₁₀	1.50 0.38	9.00 2.25
Case 1	Boiler No. 1	PM ₁₀ VOC NO _x CO SO ₂	0.05 0.04 0.66 0.55 < 0.01	-- -- -- -- --
Case 1	Boiler No. 2 (Backup Boiler)	PM ₁₀ VOC NO _x CO SO ₂	0.05 0.04 0.66 0.55 < 0.01	-- -- -- -- --
Case 2 (Backup Fuel)	Boiler No. 1	PM ₁₀ VOC NO _x CO SO ₂	0.20 0.05 2.35 0.49 4.62	-- -- -- -- --
Case 2 (Backup Fuel)	Boiler No. 2 (Backup Boiler)	PM ₁₀ VOC NO _x CO SO ₂	0.20 0.05 2.35 0.49 4.62	-- -- -- -- --
	Total Boiler Operations Including Backup Fuel	PM ₁₀ VOC NO _x CO SO ₂	-- -- -- -- --	0.22 0.13 2.85 1.86 1.67
LR1	Rail Loadout	PM PM ₁₀	0.17 0.04	-- --
LR2	Rail Loadout	PM PM ₁₀	0.17 0.04	-- --
LT1	Truck Loadout	PM PM ₁₀	0.17 0.04	-- --
LT2	Truck Loadout	PM PM ₁₀	0.17 0.04	-- --
LT3	Truck Loadout	PM PM ₁₀	0.17 0.04	-- --

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LT4	Truck Loadout	PM PM ₁₀	0.17 0.04	-- --
LT5	Truck Loadout	PM PM ₁₀	0.17 0.04	-- --
LB1	Bagging Station	PM PM ₁₀	0.07 0.02	-- --
LB2	Bagging Station	PM PM ₁₀	0.07 0.02	-- --
LB3	Bagging Station	PM PM ₁₀	0.03 0.01	-- --
LBU1	Bulk Loadout	PM PM ₁₀	0.17 0.04	-- --
LBU2	Bulk Loadout	PM PM ₁₀	0.17 0.04	-- --
LBU3	Bulk Loadout	PM PM ₁₀	0.17 0.04	-- --
LBU4	Bulk Loadout	PM PM ₁₀	0.17 0.04	-- --
LBU5	Bulk Loadout	PM PM ₁₀	0.17 0.04	-- --
LBU6	Bulk Loadout	PM PM ₁₀	0.17 0.04	-- --
	Portable Auger (Backup Loadout)	PM PM ₁₀	0.13 0.03	-- --
	Total Loadout Operations	PM PM ₁₀	-- --	0.40 0.10

- (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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PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented

CO - carbon monoxide

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

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

Date: June 8, 2012