

Emission Sources - Maximum Allowable Emission Rates

Permit Number 43931

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)
1	Truck Receiving Pit	PM	2.72	3.96
		PM ₁₀	0.40	0.58
2	Building Vent – Pneumatic Receiving (Bin No. 29) Baghouse and Bin No. 31 Baghouse	PM	0.12	0.35
		PM ₁₀	0.12	0.35
3	Receiving Elevator Baghouse	PM	0.09	0.25
		PM ₁₀	0.09	0.25
4	Storage Bins (except Bins No. 29 and 31) Baghouse	PM	0.09	0.25
		PM ₁₀	0.09	0.25
6	Grain Cleaner Cyclone	PM	1.88	5.46
		PM ₁₀	0.48	1.38
15	Grain Cracking Cyclone	PM	0.05	0.14
		PM ₁₀	0.02	0.07
7	Grain Flake Cooler Cyclone	PM	0.75	2.18
		PM ₁₀	0.38	1.09
8	Hammermill Baghouse	PM	0.54	1.56
		PM ₁₀	0.54	1.56
9	Pellet Cooler No. 1 Cyclone	PM	2.25	6.55
		PM ₁₀	1.13	3.28
10	Pellet Cooler No. 2 Cyclone	PM	0.75	2.18
		PM ₁₀	0.38	1.09
13	Bagging Machine No. 1 Cyclone	PM	0.02	0.06
		PM ₁₀	< 0.01	0.02

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14	Bagging Machine No. 2 Baghouse	PM	0.13	0.37
		PM ₁₀	0.13	0.37
11	Truck Bulk Loadout	PM	0.33	0.12
		PM ₁₀	0.08	0.03
12	200-HP Boiler	PM	0.06	0.19
		PM ₁₀	0.06	0.19
		CO	0.71	2.06
		NO _x	0.84	2.45
		SO ₂	0.01	0.02
		VOC	0.05	0.14

- (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) CO - carbon monoxide
NO_x - total oxides of nitrogen
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
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (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: October 31, 2012