

Emission Sources - Maximum Allowable Emission Rates

Permit Number 3591

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)
23	Corn Receiving	PM	0.85	0.43
		PM ₁₀	0.13	0.06
32	CSM Receiving	PM	0.43	0.05
		PM ₁₀	0.06	<0.01
14	Protein Receiving Bagfilter	PM	0.58	2.54
		PM ₁₀	0.58	2.54
15	Urea Receiving Bagfilter	PM	0.14	0.61
		PM ₁₀	0.14	0.61
16	Mineral Receiving Bagfilter	PM	0.23	1.01
		PM ₁₀	0.23	1.01
	Total Receiving Operations	PM	--	0.77
		PM ₁₀	--	0.11
2	Pellet Cooler System Cyclone	PM	2.70	3.38
		PM ₁₀	1.35	1.69
33	Pellet Cooler System 2 Cyclone	PM	2.70	3.38
		PM ₁₀	1.35	1.69
24	Corn Dryer	PM	0.03	0.13
		PM ₁₀	0.03	0.13
		SO ₂	<0.01	0.01
		NO _x	0.38	1.66

Emission Sources - Maximum Allowable Emission Rates

		CO	0.32	1.40
		VOC	0.02	0.09
26	Corn Processing Bagfilter	PM	0.12	0.38
		PM ₁₀	0.12	0.38
17	Mineral Processing Bagfilter	PM	0.84	3.68
		PM ₁₀	0.84	3.68
13	Protein Processing Bagfilter	PM	0.58	2.54
		PM ₁₀	0.58	2.54
7	CSM Processing Bagfilter	PM	0.58	2.54
		PM ₁₀	0.58	2.54
30	Bulk Loadout No. 1	PM	0.08	3.87
		PM ₁₀	0.02	1.31
31	Bulk Loadout No. 2	PM	0.08	3.87
		PM ₁₀	0.02	1.31
	Total Loadout Operations	PM	--	3.87
		PM ₁₀	--	1.31
8	200-HP Boiler	PM	0.05	0.22
		PM ₁₀	0.05	0.22
		SO ₂	<0.01	0.02
		NO _x	0.64	2.79
		CO	0.54	2.35
		VOC	0.03	0.15
	Warehouse Building (Medication Pre-weigh) (6)	PM	0.06	<0.01
		PM ₁₀	0.03	<0.01

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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- (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
- 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.
- (6) Fugitive emissions are an estimate only.

Date: January 29, 2013