

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 37806

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. 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*	
			lb/hr	TPY
1	Corn Receiving Bagfilter System (Corn Cleaning, Conveying, Day Use Silos)	PM ₁₀	0.38	1.66
2	250-Hp Boiler	PM ₁₀	0.08	0.35
		SO ₂	<0.01	0.03
		NO _x	1.03	4.51
		CO	0.86	3.79
		VOC	0.06	0.26
3	Drying Circuit No. 1 Cyclone No. 1	PM ₁₀	5.17	22.65
		SO ₂	0.01	0.04
		NO _x	0.88	3.86
		CO	0.74	3.25
		VOC	0.05	0.22
4	Drying Circuit No. 1 Cyclone No. 2	PM ₁₀	5.17	22.65
		SO ₂	0.01	0.04
		NO _x	0.88	3.86
		CO	0.74	3.25
		VOC	0.05	0.22
5	Drying Circuit No. 2 Cyclone No. 1	PM ₁₀	5.17	22.65
		SO ₂	0.01	0.04
		NO _x	0.88	3.86
		CO	0.74	3.25
		VOC	0.05	0.22

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	AIR CONTAMINANTS DATA	
			<u>Emission Rates*</u>	
			<u>lb/hr</u>	<u>TPY</u>
6	Drying Circuit No. 2 Cyclone No. 2	PM ₁₀	5.17	22.65
		SO ₂	0.01	0.04
		NO _x	0.88	3.86
		CO	0.74	3.25
		VOC	0.05	0.22
7	Baghouse Filter System (6 Vacuum Blowers, Sifters, Hammermills)	PM ₁₀	3.43	15.03
8	Pneumatic Conveying System Baghouse (Secondary Grit Cooling Cyclones)	PM ₁₀	1.40	6.14
9	Baghouse Filter System (Flour/Additive Storage, Flour Transfer System, Grits Storage Bins, Corn Flour Bagging)	PM ₁₀	0.93	4.07
10	Bulk Loading Area Bagfilter (Truck Loadout)	PM ₁₀	0.06	0.27
11	Baghouse Filter System (Waste Corn Silos)	PM ₁₀	0.51	2.25
12	Baghouse Filter System (Corn Receiving Pit, Corn Cleaning/Scalping)	PM ₁₀	0.86	3.77
17	Grain Dryer	PM ₁₀	13.33	3.33
		SO ₂	0.01	<0.01
		NO _x	1.65	0.41
		CO	1.38	0.35
		VOC	0.09	0.02
A	Receiving Pit A	PM	0.26	0.09

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u>	
			lb/hr	TPY
	(Corn Receiving Pit Fugitives)	PM ₁₀	0.04	0.01
B	Truck Loading	PM	0.02	0.04
	(Truck Loadout Fugitives)	PM ₁₀	0.01	0.01

- (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) PM - particulate matter, suspended in the atmosphere, including PM₁₀
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
- SO₂ - sulfur dioxide
- NO_x - nitrogen oxides
- CO - carbon monoxide
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

* Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.

Dated _____