

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
EPN 1	Corn Receiving System Baghouse Filter (Conveyor, Scalper, and Filling of the Silos)	PM/PM ₁₀	0.38	1.65
EPN 2	Boiler	PM/PM ₁₀	0.08	0.34
		SO ₂	0.01	0.03
		NO _x	1.03	4.51
		CO	0.86	3.79
		VOC	0.06	0.25
EPN 3	Dryer 1 Cyclone 1	PM/PM ₁₀	5.17	22.65
		SO ₂	0.01	0.02
		NO _x	0.88	3.86
		CO	0.74	3.25
		VOC	0.05	0.21
EPN 4	Dryer 1 Cyclone 2	PM/PM ₁₀	5.17	22.65
		SO ₂	0.01	0.02
		NO _x	0.88	3.86
		CO	0.74	3.25
		VOC	0.05	0.21
EPN 5	Dryer 2 Cyclone 1	PM/PM ₁₀	5.17	22.65
		SO ₂	0.01	0.02
		NO _x	0.88	3.86
		CO	0.74	3.25
		VOC	0.05	0.21

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
EPN 6	Dryer 2 Cyclone 2	PM/PM ₁₀	5.17	22.65
		SO ₂	<0.01	0.02
		NO _x	0.88	3.86
		CO	0.74	3.25
		VOC	0.05	0.21
EPN 7	Fan Baghouse Filter (6 units)	PM/PM ₁₀	3.43	15.03
EPN 8	Pneumatic Conveying System Baghouse Filter	PM/PM ₁₀	1.40	6.14
EPN 9	Tote Bins Baghouse Filter	PM/PM ₁₀	0.93	4.05
EPN 11	Corn Cleaner Baghouse Filter	PM/PM ₁₀	0.51	2.25
EPN 12	Corn Receiving Pit, and Initial Scalper Baghouse Filter	PM/PM ₁₀	0.86	3.75
EPN 17	Grain Dryer	PM/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
RECONV	Truck Receiving Conveyor Belt - Fugitive Emissions	PM/PM ₁₀	0.23	<0.01
EPN A	Receiving Pit A - Fugitive Emissions	PM/PM ₁₀	0.26	0.09
EPN B	Truck Loading - Fugitive Emissions	PM/PM ₁₀	0.02	0.04

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BLDGEXHST	Building Fugitives - Baghouse Filters EPNs 10, 13, 14, 15, 16, 18, 19	PM/PM ₁₀	0.06	0.24
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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an 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 - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
- PM₁₀ - particulate matter equal to or less than 10 microns in diameter
- CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated November 7, 2008