

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 72015

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
Receiving Operation				
C-1	Seed Unloading No. 1 Cyclone	PM	0.51	1.02
		PM ₁₀ 0.08	0.15	
C-2	Seed Unloading No. 2 Cyclone	PM	0.51	1.02
		PM ₁₀ 0.08	0.15	
C-3	Seed Cleaner Cyclone	PM/PM ₁₀	1.23	2.46
C-4	Mote Collector Cyclone	PM/PM ₁₀	0.38	0.76
C-5	Lint Collector Cyclone No. 1	PM/PM ₁₀	6.35	12.70
C-6	Lint Collector Cyclone No. 2	PM/PM ₁₀	0.51	1.02
C-7	Condenser Cyclone	PM/PM ₁₀	0.47	0.94
C-8	Huller Separator Cyclone	PM/PM ₁₀	1.21	2.42
C-9	Bulk Unloading No. 1 Cyclone	PM	0.51	1.02
		PM ₁₀ 0.08	0.15	
C-9a	Bulk Unloading No. 2 Cyclone	PM	0.51	1.02
		PM ₁₀ 0.08	0.15	
C-10	Pellet Cooler Cyclone	PM/PM ₁₀	1.36	2.72
C-11	Meal Cooler Cyclone	PM/PM ₁₀	0.49	0.98

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			<u>lb/hr</u>	<u>TPY</u>
P-1	Whole Grain Receiving	PM PM ₁₀	1.19 0.18	0.07 0.01
P-2	Cottonseed Receiving	PM PM ₁₀	1.19 0.01	0.10
Loadout Operation				
L-3	Bulk Hull Loadout	PM PM ₁₀	2.15 0.73	
L-4	Bulk Meal Loadout	PM PM ₁₀	2.15 0.73	
L-5	Bulk Flake Meal Loadout	PM PM ₁₀	2.15 0.73	
L-6	Hull Loadout (Bagging)	PM PM ₁₀	2.58 0.87	
L-7	Meal Loadout (Bagging)	PM PM ₁₀	2.58 0.87	
L-1	Whole Grain Loadout	PM PM ₁₀	0.12	0.37
L-2	Cottonseed Loadout	PM PM ₁₀	0.01	0.52
BLR1	Boiler No. 1	PM/PM ₁₀ VOC NO _x CO SO ₂	0.06 0.04 0.80 0.67 <0.01	0.05 0.03 0.60 0.50 <0.01

(1) Emission point identification - either specific equipment designation or emission point number

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			<u>lb/hr</u>	<u>TPY</u>

from a plot plan.

- (2) Specific point source names. For fugitive sources, use an 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 particulate matter greater than 10 microns is emitted.
- SO₂ - sulfur dioxide
- NO_x - total oxides of nitrogen
- 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 September 13, 2004