

# 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, 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)
Receiving Operation				
C-1	Seed Unloading No. 1 Cyclone	PM PM <sub>10</sub>	0.51 0.08	1.02 0.15
C-2	Seed Unloading No. 2 Cyclone	PM PM <sub>10</sub>	0.51 0.08	1.02 0.15
C-3	Seed Cleaner Cyclone	PM PM <sub>10</sub>	1.23 0.62	2.46 1.23
C-4	Mote Collector Cyclone	PM PM <sub>10</sub>	0.38 0.19	0.76 0.38
C-5	Lint Collector Cyclone No. 1	PM PM <sub>10</sub>	6.35 3.18	12.70 6.35
C-6	Lint Collector Cyclone No. 2	PM PM <sub>10</sub>	0.51 0.26	1.02 0.51
C-7	Condenser Cyclone	PM PM <sub>10</sub>	0.47 0.24	0.94 0.47
C-8	Huller Separator Cyclone	PM PM <sub>10</sub>	1.21 0.61	2.42 1.21
C-9	Bulk Unloading No. 1 Cyclone	PM PM <sub>10</sub>	0.51 0.08	1.02 0.15
C-9a	Bulk Unloading No. 2 Cyclone	PM PM <sub>10</sub>	0.51 0.08	1.02 0.15
C-10	Pellet Cooler Cyclone	PM PM <sub>10</sub>	1.36 0.68	2.72 1.36
C-11	Meal Cooler Cyclone	PM PM <sub>10</sub>	0.49 0.25	0.98 0.49
P-1	Whole Grain Receiving	PM PM <sub>10</sub>	1.19 0.18	0.07 0.01
P-2	Cottonseed Receiving	PM PM <sub>10</sub>	1.19 0.18	0.10 0.01
Loadout Operation				
L-3	Bulk Hull Loadout	PM PM <sub>10</sub>	2.15 0.73	-- --

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L-4	Bulk Meal Loadout	PM PM <sub>10</sub>	2.15 0.73	
L-5	Bulk Flake Meal Loadout	PM PM <sub>10</sub>	2.15 0.73	-- --
L-6	Hull Loadout (Bagging)	PM PM <sub>10</sub>	2.58 0.87	-- --
L-7	Meal Loadout (Bagging)	PM PM <sub>10</sub>	2.58 0.87	
L-1	Whole Grain Loadout	PM PM <sub>10</sub>	-- --	0.37 0.12
L-2	Cottonseed Loadout	PM PM <sub>10</sub>	-- --	0.52 0.01
BLR1	Boiler No. 1	PM PM <sub>10</sub> VOC NO <sub>x</sub> CO SO <sub>2</sub>	0.06 0.06 0.04 0.80 0.67 < 0.01	0.05 0.05 0.03 0.60 0.50 < 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 - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide
- (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: July 16, 2012