

## Emission Sources – Maximum Allowable Emission Rates

Permit Number 75177

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)
Cottonseed Plant				
P-1	Truck Receiving Pit No. 1	PM PM <sub>10</sub> /PM <sub>2.5</sub>	1.70 0.25	-- --
P-2	Truck Receiving Pit No. 2	PM PM <sub>10</sub> /PM <sub>2.5</sub>	1.70 0.25	-- --
P-5	Truck Receiving Pit No. 3	PM PM <sub>10</sub> /PM <sub>2.5</sub>	2.04 0.30	-- --
	Total Receiving Operations	PM PM <sub>10</sub> /PM <sub>2.5</sub>	-- --	0.51 0.08
L-1A	Railcar Loadout No. 1	PM PM <sub>10</sub> /PM <sub>2.5</sub>	5.59 1.89	-- --
L-1B	Railcar Loadout No. 2	PM PM <sub>10</sub> /PM <sub>2.5</sub>	5.59 1.89	-- --
L-2	Truck Loadout (Front-end Loaders)	PM PM <sub>10</sub> /PM <sub>2.5</sub>	5.59 1.89	-- --
	Total Loadout Operations	PM PM <sub>10</sub> /PM <sub>2.5</sub>	-- --	2.58 0.87
Feed Mill				
P-3	Truck Receiving Pit	PM PM <sub>10</sub> /PM <sub>2.5</sub>	2.04 0.30	-- --
P-4	Railcar Receiving Pit	PM PM <sub>10</sub> /PM <sub>2.5</sub>	2.55 0.38	-- --
	Total Receiving Operations	PM PM <sub>10</sub> /PM <sub>2.5</sub>	-- --	0.10 0.02
C-1	Grain Cleaner Cyclone	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	1.45	2.17
C-2	Crimper/Aspirator Cyclone	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	1.45	2.17
C-3	Pellet Cooler Cyclone	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	2.89	4.34

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L-3	Truck Loadout No. 1	PM PM <sub>10</sub> /PM <sub>2.5</sub>	0.17 0.04	-- --
L-4	Bulk Truck Loadout No. 2	PM PM <sub>10</sub> /PM <sub>2.5</sub>	0.17 0.04	-- --
L-5	Bagging Loadout	PM PM <sub>10</sub> /PM <sub>2.5</sub>	0.03 0.01	-- --
	Total Loadout Operations	PM PM <sub>10</sub> /PM <sub>2.5</sub>	-- --	0.02 0.01
B-1	100-HP Boiler	PM/PM <sub>10</sub> /PM <sub>2.5</sub> SO <sub>2</sub> NO <sub>x</sub> CO VOC	0.03 <0.01 0.42 0.35 0.02	0.08 0.01 1.05 0.88 0.06

- (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 PM<sub>10</sub> and PM<sub>2.5</sub>  
 PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter  
 PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
 SO<sub>2</sub> - sulfur dioxide  
 NO<sub>x</sub> - total oxides of nitrogen  
 CO - carbon monoxide  
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Compliance with annual emission limits (tons per year) is based on a twelve month rolling period.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Dated April 30, 2012