

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 20315

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 (4)	
			lbs/hour	TPY
F1	Meal Dryer Cooler Deck Cyclone No. 1	PM	0.22	0.96
		PM <sub>10</sub>	0.22	0.96
		Hexane	5.14	22.13
F2	Meal Dryer Cooler Deck Cyclone No. 2	PM	0.12	0.53
		PM <sub>10</sub>	0.12	0.53
		Hexane	5.14	22.13
F3	Meal Dryer Cooler Deck Cyclone No. 3	PM	0.53	2.30
		PM <sub>10</sub>	0.53	2.30
G	Main Vent	Hexane	24.22	104.73
CF1	Collected Fugitive Stack 1	Hexane	11.01	46.83
CF2	Collected Fugitive Stack 2	Hexane	11.01	46.83
BAG-1	Corn Germ Receiving Baghouse	PM	0.05	0.20
		PM <sub>10</sub>	0.05	0.20
BAG-2	Meal Loadout Baghouse	PM	0.90	3.94
		PM <sub>10</sub>	0.90	3.94
PB1	Screener Baghouse	PM	1.07	4.69
		PM <sub>10</sub>	1.07	4.69
PB3	Cake Transfer System	PM	0.39	1.66
		PM <sub>10</sub>	0.39	1.66
PB4	Grinding Aspiration No. 1	PM	0.46	2.01
		PM <sub>10</sub>	0.46	2.01
PB5	Grinding Aspiration No. 2	PM	0.46	2.01

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		PM <sub>10</sub>	0.46	2.01
PB6	Dust Control Grinding	PM	0.25	1.08
		PM <sub>10</sub>	0.25	1.08
PB7	Rail Loadout Dust Collection	PM	0.01	0.04
		PM <sub>10</sub>	0.01	0.04
PB8	Grinding Aspiration No. 3	PM	0.46	2.01
		PM <sub>10</sub>	0.46	2.01
PC9	Cake Overflow Cyclone	PM	0.15	0.64
		PM <sub>10</sub>	0.15	0.64
LC15	2 <sup>nd</sup> Cut Delinter Cyclone Line E	PM	4.86	19.78
		PM <sub>10</sub>	4.86	19.78
SOSD	South Outside Storage Cooling Fan D	PM	0.17	0.17
		PM <sub>10</sub>	0.17	0.17
DUMP2	Corn Germ Railcar Receiving Dump	PM	0.59	0.78
		PM <sub>10</sub>	0.59	0.78
DUMP3	Cottonseed Railcar Receiving	PM	1.93	3.25
		PM <sub>10</sub>	1.93	3.25
BOIL1	No. 1 Boiler	PM	0.56	1.38
		PM <sub>10</sub>	0.56	1.38
		SO <sub>2</sub>	13.24	4.85
		NO <sub>x</sub>	6.74	17.93
		CO	3.24	14.19
		VOC	0.21	0.93
TCAF	Top Conditioner Aspiration Fan	PM	0.15	0.67
		PM <sub>10</sub>	0.15	0.67
PCAF	Pellet Cooler Aspiration Fan	PM	0.09	0.37
		PM <sub>10</sub>	0.09	0.37
		SO <sub>2</sub>	0.12	0.53
CAF	Combined Aspiration Fan	PM	0.26	1.14
		PM <sub>10</sub>	0.26	1.14
		SO <sub>2</sub>	0.42	1.84
LOAD-1	Meal Loading	PM	0.58	0.21

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		PM <sub>10</sub>	0.58	0.21
NOSE	North Outside Storage Cooling Fan E	PM	0.08	0.10
		PM <sub>10</sub>	0.08	0.10
LB3	Fabric Filter for 2 <sup>nd</sup> Cut Delinters	PM	1.71	6.97
		PM <sub>10</sub>	1.71	6.97

- (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) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
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  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: January 23, 2013