

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3591

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
23	Corn Receiving	PM	0.85	0.43
		PM <sub>10</sub>	0.13	0.06
32	CSM Receiving	PM	0.43	0.05
		PM <sub>10</sub>	0.06	<0.01
14	Protein Receiving Bagfilter	PM/PM <sub>10</sub>	0.58	2.54
15	Urea Receiving Bagfilter	PM/PM <sub>10</sub>	0.14	0.61
16	Mineral Receiving Bagfilter	PM/PM <sub>10</sub>	0.23	1.01
	Total Receiving Operations	PM	—	0.77
		PM <sub>10</sub>	0.11	
2	Pellet Cooler System Cyclone	PM	2.70	3.38
		PM <sub>10</sub>	1.35	1.69
33	Pellet Cooler System 2 Cyclone	PM	2.70	3.38
		PM <sub>10</sub>	1.35	1.69
24	Corn Dryer	PM/PM <sub>10</sub>	0.03	0.13
		SO <sub>2</sub>	<0.01	0.01
		NO <sub>x</sub>	0.38	1.66
		CO	0.32	1.40
		VOC	0.02	0.09
26	Corn Processing Bagfilter	PM/PM <sub>10</sub>	0.12	0.38
17	Mineral Processing Bagfilter	PM/PM <sub>10</sub>	0.84	3.68
13	Protein Processing Bagfilter	PM/PM <sub>10</sub>	0.58	2.54

7	CSM Processing Bagfilter	PM/PM <sub>10</sub>	0.58	2.54
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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lb/hr	TPY
30	Bulk Loadout No. 1	PM	0.08	—
		PM <sub>10</sub>	0.02	—
31	Bulk Loadout No. 2	PM	0.08	—
		PM <sub>10</sub>	0.02	—
	Total Loadout Operations	PM	—	3.87
		PM <sub>10</sub>	—	1.31
8	200-HP Boiler	PM/PM <sub>10</sub>	0.05	0.22
		SO <sub>2</sub>	<0.01	0.02
		NO <sub>x</sub>	0.64	2.79
		CO	0.54	2.35
		VOC	0.03	0.15
	Warehouse Building (Medication Pre-weigh) (4)	PM	0.06	<0.01
		PM <sub>10</sub>	0.03	<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 - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>  
PM<sub>10</sub> - 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.  
SO<sub>2</sub> - sulfur dioxide  
NO<sub>x</sub> - nitrogen oxides  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only.

\* Refer to Special Condition No. 5 for throughput limitations and basis of emission rates.

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Dated April 13, 2006