

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73611

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
F01-A	Truck Receiving Pit No. 1	PM	2.38	--
		PM <sub>10</sub>	0.35	--
F01-B	Truck Receiving Pit No. 2	PM	2.38	--
		PM <sub>10</sub>	0.35	--
F01-C	Rail Receiving Pit No. 1	PM	6.66	--
		PM <sub>10</sub>	0.98	--
	Total Receiving Operations	PM	--	1.28
		PM <sub>10</sub>	--	0.19
27	Elevator A Handling Cyclone	PM	0.61	--
		PM <sub>10</sub>	0.34	--
01	Elevator B Handling Cyclone	PM	0.65	--
		PM <sub>10</sub>	0.36	--
02	Elevator C Handling Cyclone	PM	1.22	--
		PM <sub>10</sub>	0.68	--
	Total Elevator Handling Operations	PM	--	0.46
		PM <sub>10</sub>	--	0.26
03	Elevator C Grain Cleaner Cyclone	PM	3.83	5.63
		PM <sub>10</sub>	0.97	1.43
28	Elevator C Cleaner Screenings Cyclone	PM	0.50	0.07
		PM <sub>10</sub>	0.25	0.04

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

10	Milo Milling Operations Baghouse Vent	PM PM <sub>10</sub>	1.51 0.75	6.56 3.28
12	Bulk and Tote Hammermill Baghouse Vent	PM/PM <sub>10</sub>	0.33	1.43
14	Cookers Exhaust Cyclone	PM/PM <sub>10</sub>	0.36	1.57
16	Cooked Material Conveying Baghouse Vent	PM/PM <sub>10</sub>	0.07	0.45
26	Feed/Screenings Hammermill Baghouse Vent	PM/PM <sub>10</sub>	0.03	0.14
30	SFSG Packer/Calcium Additives Receiver Baghouse Vent	PM/PM <sub>10</sub>	0.20	0.02
31	Soy Grits Receiver at SFSG Baghouse Vent	PM/PM <sub>10</sub>	0.03	<0.01
35	Milo Grits Receiver at SFSG Baghouse Vent	PM/PM <sub>10</sub>	0.17	0.02
33	Bulk Acid Storage Tank Scrubber Stack	HCl	<0.01	<0.01
36	Spencer Vacuum (Mill) Filter	PM/PM <sub>10</sub>	0.03	0.11
37	Moisturizer Baghouse Vent	PM/PM <sub>10</sub>	0.43	1.88
38	Coolers Baghouse Vent	PM/PM <sub>10</sub>	0.14	0.60
F02-A	Feed Loadout No. 1	PM PM <sub>10</sub>	0.48 0.12	--
F02-B	Feed Loadout No. 2	PM PM <sub>10</sub>	0.48 0.12	-- --

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

	Total Feed Loadout Operations	PM	--	0.09
		PM <sub>10</sub>	--	0.02
F03	Bulk Product Loadout Sock Filter	PM/PM <sub>10</sub>	0.05	0.23
32	Boiler	PM/PM <sub>10</sub>	0.10	0.45
		SO <sub>2</sub>	0.01	0.04
		NO <sub>x</sub>	1.34	5.87
		CO	1.13	4.93
		VOC	0.07	0.32

- (1) Emission point identification - either specific equipment designation or emission point number 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 PM<sub>10</sub>
- PM<sub>10</sub> - particulate matter equal to or less than 10 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
- HCl - hydrogen chloride

\* Refer to special conditions for throughput limitations and basis of emission rates.

Date: April 14, 2009