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_{10}	0.35	-
F01-B	Truck Receiving Pit No. 2	PM	2.38	-
		PM_{10}	0.35	-
F01-C	Rail Receiving Pit No. 1	PM	6.66	-
		PM_{10}	0.98	-
	Total Receiving Operations	PM	-	1.28
		PM_{10}	-	0.19
27	Elevator A Handling Cyclone	PM	0.61	-
		PM_{10}	0.34	-
01	Elevator B Handling Cyclone	PM	0.65	-
		PM_{10}	0.36	-
02	Elevator C Handling Cyclone	PM	1.22	-
		PM_{10}	0.68	-
	Total Elevator Handling Operations	PM	-	0.46
		PM_{10}	-	0.26
03	Elevator C Grain Cleaner Cyclone	PM	3.83	5.63
		PM_{10}	0.97	1.43
28	Elevator C Cleaner Screenings Cyclone	PM	0.46	0.06
		PM_{10}	0.26	0.04

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
10	Milo Milling Operations Baghouses	PM	1.51	6.56
		PM_{10}	0.75	3.28
12	Bulk and Tote Hammermill Baghouse	PM/PM_{10}	0.33	1.45
14	Cooker/Cooler Exhaust Baghouse	PM/PM_{10}	0.37	1.62
16	Cooked Material Conveying Baghouse	PM/PM_{10}	0.06	0.45
26	Feed/Screenings Hammermill Baghouse	PM/PM_{10}	0.03	0.14
30	SFSG Packer/ Calcium Additives Receiver Baghouse	PM/PM_{10}	0.20	0.02
31	Soy Grits Receiver at SFSG Baghouse	PM/PM_{10}	0.03	<0.01
32	Boiler	PM/PM_{10}	0.10	0.45
		VOC	0.07	0.32
		NO_x	1.34	5.87
		CO	1.13	4.93
		SO_2	0.01	0.04
33	Bulk Acid Storage Tank Scrubber	HCl	<0.01	<0.01
35	Milo Grits Receiver at SFSG Baghouse	PM/PM_{10}	0.17	0.02
36	Spencer Vac. (Mill) Filter	PM/PM_{10}	0.03	0.13
37	Moisturizer Baghouse	PM/PM_{10}	0.43	1.88
38	North and South Coolers Baghouse	PM/PM_{10}	0.14	0.61

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F02-A	Feed Loadout No. 1		PM	0.48	-
		PM_{10}	0.16	-	
F02-B	Feed Loadout No. 2		PM	0.48	-
			PM_{10}	0.16	-
	Total Feed Loadout Operations		PM	-	0.09
		PM_{10}	-	0.02	
F03	Bulk Product Loadout Sock Filter		PM/PM_{10}	0.05	0.22

(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_{10}
PM_{10} - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide

SO_2 - sulfur dioxide
HCl - hydrogen chloride

* Refer to Special Condition No. 4 for throughput limitations and basis of emission rates.

Dated July 21, 2005