EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19383

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
A	Receiving Pit A (4)	PM	0.68	
B	Receiving Pit B (4)	PM	0.68	
C	Receiving Pit C (4)	PM	0.68	
D	Railcar Receiving Pit D (4)	PM	0.06	
	Total Receiving (4)(b)	PM		0.75
Pit A&B (a)		Filter for Receiving Pits A&B		
	PM_{10} 0.86	3.75		
Pit C	Filter for Receiving Pit C (a)	PM_{10}		0.43
	1.88			
Pit D	Filter for Receiving Pit D (a)	PM_{10}		0.86
	3.75			
1	Scalper Filter No. 1 (a)	PM_{10}	0.29	
101	Scalper Filter No. 2 (a)	PM_{10}	0.29	
39	Scalper Filter No. 3 (a)	PM_{10}	0.29	
	Total Scalper Filters (a)	PM_{10}		0.24
2/102	Screener Filters No. 1/No. 2 (a)	PM_{10}		0.86
	3.75			
3	250 HP-Boiler No. 1 (a)	PM_{10}	0.08	0.34
		SO_2	0.01	0.03
		NO_x	1.03	4.51
		CO	0.86	3.79
		VOC	0.06	0.25
12	250 HP-Boiler No. 2 (a)	PM_{10}	0.08	0.34
		SO_2	0.01	0.03

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
		NO_x	1.03	4.51
		CO	0.86	3.79
		VOC	0.06	0.25
42	250-Hp Boiler No. 3 (a)	PM_{10}	0.08	0.34
		SO_2	0.01	0.03
		NO_x	1.03	4.51
		CO	0.86	3.79
		VOC	0.06	0.25
112	300-Hp Boiler No. 4 (a)	PM_{10}	0.09	0.41
		SO_2	0.01	0.03
		NO_x	1.23	5.39
		CO	1.03	4.53
		VOC	0.07	0.30
4	Hammermill No. 1/Drying Circuit	PM_{10}		2.45
10.72	Cyclone (a)	SO_2	0.01	0.05
		NO_x	1.76	7.73
		CO	1.48	6.49
		VOC	0.10	0.43
13	Hammermill No. 2/Drying Circuit	PM_{10}		2.45
10.72	No. 1 Cyclone (a)	SO_2	0.01	0.05
		NO_x	1.76	7.73
		CO	1.48	6.49
		VOC	0.10	0.43
14	Hammermill No. 2/Drying Circuit	PM_{10}		3.06
13.40	No. 2 Cyclone (a)	SO_2	0.01	0.02
		NO_x	0.78	3.44
		CO	0.66	2.89

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
		VOC	0.04	0.19
43	Hammermill No. 3/Drying Circuit	PM_{10}		2.45
10.72				
	Cyclone (a)	SO_2	0.01	0.05
		NO_x	1.76	7.73
		CO	1.48	6.49
		VOC	0.10	0.43
113	Hammermill No. 4/Drying Circuit	PM_{10}		2.81
12.30				
	No. 1 Cyclone (a)	SO_2	0.01	0.05
		NO_x	1.76	7.73
		CO	1.48	6.49
		VOC	0.10	0.43
114	Hammermill No. 4/Drying Circuit	PM_{10}		3.06
13.40				
	No. 2 Cyclone (a)	SO_2	0.01	0.02
		NO_x	0.78	3.44
		CO	0.66	2.89
		VOC	0.04	0.19
5	Flour Cooler Cyclone (a)	PM_{10}	1.54	6.76
15	Flour Cooler Cyclone (a)	PM_{10}	1.54	6.76
45	Flour Cooler Cyclone (a)	PM_{10}	1.54	6.76
115	Flour Cooler Cyclone (a)	PM_{10}	1.54	6.76
6	Packing Bin Filter (a)	PM_{10}	0.04	0.19
7	Packing Bin Filter (a)	PM_{10}	0.04	0.19
8	Grain Dryer No. 1 (a)	PM_{10}	13.29	
		SO_2	0.01	
		NO_x	1.23	
		CO	1.05	
		VOC	0.07	

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
9	Grain Dryer No. 2 (a)	PM_{10}	13.29	
		SO_2	0.01	
		NO_x	1.23	
		CO	1.05	
		VOC	0.07	

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
37	Grain Dryer No. 3 (a)	PM_{10}	13.29	
		SO_2	0.01	
		NO_x	1.23	
		CO	1.05	
		VOC	0.07	
38	Grain Dryer No. 4 (a)	PM_{10}	13.29	
		SO_2	0.01	
		NO_x	1.23	
		CO	1.05	
		VOC	0.07	
40	Grain Dryer No. 5 (a)	PM_{10}	13.29	
		SO_2	0.01	
		NO_x	1.23	
		CO	1.05	
		VOC	0.07	
41	Grain Dryer No. 6 (a)	PM_{10}	13.29	
		SO_2	0.01	
		NO_x	1.23	
		CO	1.05	
		VOC	0.07	
	Total Grain Drying (a)(c)	PM_{10}		22.26
		SO_2		0.19
		NO_x		32.34
		CO		27.18
		VOC		1.80
16	Dust Collector (a)	PM_{10}	0.09	0.38
18	Dust Collector (a)	PM_{10}	0.06	0.26
19	Dust Collector (a)	PM_{10}	0.06	0.26
20	Dust Collector (a)	PM_{10}	0.06	0.26
21	Dust Collector (a)	PM_{10}	0.06	0.26
22	Dust Collector (a)	PM_{10}	0.06	0.26

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
23	Dust Collector (a)	PM_{10}	0.06	0.26
24	Dust Collector (a)	PM_{10}	0.06	0.26
25	Dust Collector (a)	PM_{10}	0.06	0.26
26	Dust Collector (a)	PM_{10}	0.06	0.26
27	Dust Collector (a)	PM_{10}	0.06	0.26
28	Dust Collector (a)	PM_{10}	0.06	0.26
29	Dust Collector (a)	PM_{10}	0.06	0.26
30	Dust Collector (a)	PM_{10}	0.09	0.38
31	Dust Collector (a)	PM_{10}	0.09	0.38
32	Dust Collector (a)	PM_{10}	0.09	0.38
33	Dust Collector (a)	PM_{10}	0.09	0.38
34	Dust Collector (a)	PM_{10}	0.09	0.38
35	Dust Collector (a)	PM_{10}	0.09	0.38
44	Lime Bin Filter (a)	PM_{10}	0.06	0.26
48	Dust Collector (a)	PM_{10}	0.06	0.26
49	Dust Collector (a)	PM_{10}	0.06	0.26
50	Dust Collector (a)	PM_{10}	0.06	0.26
53	Skin Separator Filter (a)	PM_{10}	0.06	0.26
54	Dust Collector (a)	PM_{10}	0.06	0.26
55	Dust Collector (a)	PM_{10}	0.06	0.26
104	Lime Hopper (a)	PM_{10}	0.02	0.07
106	Lime Hopper (a)	PM_{10}	0.02	0.07
107	Lime Bin (a)	PM_{10}	0.04	0.20
108	Flour Silo Dust Collector (a)	PM_{10}	0.34	1.50
109	Flour Silo Dust Collector (a)	PM_{10}	0.34	1.50
116	Flour Silo Dust Collector (a)	PM_{10}	0.09	0.38

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
117	Flour Silo Dust Collector (a)	PM_{10}	0.04	0.19
118	Flour Silo Dust Collector (a)	PM_{10}	0.06	0.26
119	Flour Silo Dust Collector (a)	PM_{10}	0.06	0.26
120	Flour Silo Dust Collector (a)	PM_{10}	0.06	0.26
121	Flour Silo Dust Collector (a)	PM_{10}	0.06	0.26
122	Flour Silo Dust Collector (a)	PM_{10}	0.06	0.26
123	Flour Silo Dust Collector (a)	PM_{10}	0.06	0.26
124	Flour Silo Dust Collector (a)	PM_{10}	0.06	0.26
125	Flour Silo Dust Collector (a)	PM_{10}	0.06	0.26
126	Flour Silo Dust Collector (a)	PM_{10}	0.06	0.26

(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 particulate matter greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in 30 Texas Administrative Code Seciton 101.1

NO_x - total oxides of nitrogen

SO_2 - sulfur dioxide

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

(a) Emission rates are based on and the facilities are limited to operating 8,760 hours per year.

Emission rates are based on and the facilities are limited to the following annual throughputs:

(b) Total Grain Receiving See confidential file for tons of corn/year

(c) Total Grain Drying See confidential file for tons of corn/year

Dated _____