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 lbs/hr	TPY
	Receiving Pit A (a)	PM_{10}	9.92	2.10
	Receiving Pit B (a)	PM_{10}	9.92	2.10
	Receiving Pit C (a)	PM_{10}	9.92	2.10
1	Scalper Filter No. 1 (a)	PM_{10}	0.30	0.06
101	Scalper Filter No. 2 (a)	PM_{10}	0.30	0.06
39	Scalper Filter No. 3 (a)	PM_{10}	0.30	0.06
2	Screener Filter No. 1 (b)	PM_{10}	0.19	0.67
102	Screener Filter No. 2 (b)	PM_{10}	0.19	0.67
3	300 Hp Boiler No. 1 (c)	PM_{10}	0.06	0.26
		SO_2	<0.01	0.03
		NO_x	1.76	7.71
		CO	0.44	1.93
		VOC	0.04	0.18
12	300 HP Boiler No. 2 (c)	PM_{10}	0.06	0.26
		SO_2	<0.01	0.03
		NO_x	1.76	7.71
		CO	0.44	1.93
		VOC	0.04	0.18
42	300 Hp Boiler No. 3 (c)	PM_{10}	0.06	0.26
		SO_2	<0.01	0.03
		NO_x	1.76	7.71
		CO	0.44	1.93

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		VOC	0.04	0.18
4	Hammermill No. 1 Cyclone (d)	PM_{10}	2.75	11.21

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lbs/hr	Emission Rates TPY
13	Hammermill No. 2 Cyclone (d)	PM_{10}	2.75	11.21
14	Hammermill No. 2 Cyclone (d)	PM_{10}	2.64	10.76
43	Hammermill No. 3 Cyclone (d)	PM_{10}	2.75	11.21
5	Flour Cooler Cyclone (d)	PM_{10}	1.37	5.40
15	Flour Cooler Cyclone (d)	PM_{10}	1.37	5.40
45	Flour Cooler Cyclone (d)	PM_{10}	1.37	5.40
6	Packing Bin Filter (e)	PM_{10}	0.06	0.15
7	Packing Bin Filter (e)	PM_{10}	0.06	0.15
8	Grain Dryer (k)	PM_{10}	16.88	5.28
		SO_2	0.01	<0.01
		NO_x	2.35	0.73
		CO	0.59	0.18
		VOC	0.05	0.02
9	Grain Dryer (k)	PM_{10}	16.88	5.28
		SO_2	0.01	<0.01
		NO_x	2.35	0.73
		CO	0.59	0.18
		VOC	0.05	0.02
37	Grain Dryer (k)	PM_{10}	16.88	5.28
		SO_2	0.01	<0.01
		NO_x	2.35	0.73
		CO	0.59	0.18
		VOC	0.05	0.02

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38	Grain Dryer (k)	PM_{10}	16.88	5.28
		SO_2	0.01	<0.01
		NO_x	2.35	0.73
		CO	0.59	0.18
		VOC	0.05	0.02

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lbs/hr	TPY
40	Grain Dryer (k)	PM_{10}	16.88	5.28
		SO_2	0.01	<0.01
		NO_x	2.35	0.73
		CO	0.59	0.18
		VOC	0.05	0.02
41	Grain Dryer (k)	PM_{10}	16.88	5.28
		SO_2	0.01	<0.01
		NO_x	2.35	0.73
		CO	0.59	0.18
		VOC	0.05	0.02
16	Dust Collector (f)	PM_{10}	0.02	0.09
17	Dust Collector (f)	PM_{10}	0.04	0.17
18	Dust Collector (g)	PM_{10}	0.03	0.02
19	Dust Collector (g)	PM_{10}	0.03	0.02
20	Dust Collector (g)	PM_{10}	0.03	0.02
21	Dust Collector (g)	PM_{10}	0.03	0.02
22	Dust Collector (g)	PM_{10}	0.03	0.02
23	Dust Collector (g)	PM_{10}	0.03	0.02
24	Dust Collector (g)	PM_{10}	0.03	0.02
25	Dust Collector (g)	PM_{10}	0.03	0.02

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26	Dust Collector (g)	PM_{10}	0.03	0.02
27	Dust Collector (g)	PM_{10}	0.03	0.02
28	Dust Collector (g)	PM_{10}	0.03	0.02
29	Dust Collector (g)	PM_{10}	0.03	0.02
30	Dust Collector (e)	PM_{10}	0.06	0.16

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lbs/hr	TPY
31	Dust Collector (h)	PM_{10}	0.03	0.08
32	Dust Collector (h)	PM_{10}	0.03	0.08
33	Dust Collector (h)	PM_{10}	0.03	0.08
34	Dust Collector (h)	PM_{10}	0.03	0.08
35	Dust Collector (f)	PM_{10}	0.02	0.09
36	Dust Collector (f)	PM_{10}	0.04	0.17
46	Dust Collector (e)	PM_{10}	0.02	0.09
47	Dust Collector (f)	PM_{10}	0.04	0.17
48	Dust Collector (g)	PM_{10}	0.02	0.02
49	Dust Collector (g)	PM_{10}	0.02	0.02
50	Dust Collector (g)	PM_{10}	0.02	0.02
51	Dust Collector (h)	PM_{10}	0.21	0.55
52	Dust Collector (h)	PM_{10}	0.09	0.22

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54	Dust Collector (j)	PM_{10}	0.06	0.04
55	Dust Collector (j)	PM_{10}	0.06	0.04
44	Lime Bin Filter (i)	PM_{10}	0.03	<0.01
53	Skin Separator Filter (d)	PM_{10}	0.03	0.10

(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) VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM_{10} - particulate matter less than 10 microns in diameter
CO - carbon monoxide

(a) Emission rates are based on and the facilities are limited to an hourly throughput of 5,906 bushels and an annual throughput of 2.50 million bushels of corn.

(b) Emission rates are based on and the facilities are limited to an hourly throughput of 550 bushels and an annual throughput of 3.75 million bushels of corn.

(c) Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

(d) Emission rates are based on and the facilities are limited to an hourly throughput of 8.27 tons and an annual throughput of 65,200 tons of corn flour.

(e) Emission rates are based on and the facilities are limited to an hourly throughput of 4.02 tons and an annual throughput of 31,700 tons of corn flour.

(f) Emission rates are based on and the facilities are limited to an hourly throughput of 4.25 tons and an annual throughput of 33,500 tons of corn flour.

(g) Emission rates are based on and the facilities are limited to an hourly throughput of 8.27 tons and an annual throughput of 10,866 tons of corn flour per silo pair.

(h) Emission rates are based on and the facilities are limited to an hourly throughput of 10.0 tons and an annual throughput of 52,000 tons of corn flour.

(i) Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 3 Days/week 1 Weeks/year 49 or Hrs/year 147

(j) Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day ___ Days/week ____ Weeks/year ___ or Hrs/year 1,460

(k) Emission rates are based on and the facilities are limited to an hourly throughput of 2000 bushels and an annual throughput of 1.25 million bushels of corn.

Dated _____