Emission Sources - Maximum Allowable Emission Rates

Permit Number 99403

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, sources, and related activities. 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/hour	TPY (4)
R-1	Truck Receiving Pit	PM	0.97	1.21
		PM_{10}	0.22	0.27
		$PM_{2.5}$	0.04	0.05
R-2	Rail Receiving Pit	PM	1.58	1.21
		PM_{10}	0.39	0.27
		$PM_{2.5}$	0.06	0.05
	Total Receiving Operations	PM	--	1.21
		PM_{10}	--	0.27
		$PM_{2.5}$	--	0.05
1	Elevator West Filter for Grain Handling	PM	0.17	0.72
		PM_{10}	0.10	0.45
		$PM_{2.5}$	0.02	0.08
2	Elevator #1 Filter for Grain Handling	PM	0.20	0.86
		PM_{10}	0.12	0.53
		$PM_{2.5}$	0.02	0.09
3	Elevator #2 Filter for Grain Handling	PM	0.24	1.04
		PM_{10}	0.15	0.64
		$PM_{2.5}$	0.02	0.11
4	Elevator #3 Filter for	PM	0.26	1.15

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		PM_{10}	0.16	0.71
		$PM_{2.5}$	0.03	0.12
6	B Mill Filter for Grain Handling	PM	0.03	0.12
		PM_{10}	0.02	0.07
		$PM_{2.5}$	<0.01	0.01
7	A Mill Filter for Grain Handling	PM	0.03	0.12
		PM_{10}	0.02	0.07
		$PM_{2.5}$	<0.01	0.01
16	C Mill East Filter for Grain Milling	PM	0.27	1.17
		PM_{10}	0.17	0.73
		$PM_{2.5}$	0.03	0.12
17	C Mill West Filter for Grain Handling	PM	0.20	0.89
		PM_{10}	0.13	0.55
		$PM_{2.5}$	0.02	0.09
18	C Mill North Filter for Grain Milling	PM	0.27	1.16
		PM_{10}	0.16	0.72
		$PM_{2.5}$	0.03	0.12
19	C Mill South Filter for Grain Handling	PM	0.19	0.82
		PM_{10}	0.12	0.51
		$PM_{2.5}$	0.02	0.09
23	Railcar Vacuum Filter for Flour Handling	PM	0.08	0.37
		PM_{10}	<0.01	0.01
		$PM_{2.5}$	<0.01	<0.01

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29	330 Line Filter for Flour Handling	PM	0.08	0.33
		PM_{10}	<0.01	0.01
		$PM_{2.5}$	<0.01	<0.01
30	Auto Trim Bin Filter for Flour Handling	PM	0.05	0.22
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
36	Auto Trim Line Filter for Flour Handling	PM	0.05	0.23
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
41	Rail Loadout Filter for Flour Handling	PM	0.08	0.37
		PM_{10}	<0.01	0.01
		$PM_{2.5}$	<0.01	<0.01
42	Truck Loadout Filter for Flour Handling	PM	0.08	0.37
		PM_{10}	<0.01	0.01
		$PM_{2.5}$	<0.01	<0.01
43	General BP Filter for Flour Handling	PM	0.34	1.48
		PM_{10}	0.01	0.05
		$PM_{2.5}$	<0.01	0.01
44	Feed Top Filter for Grain Handling	PM	<0.01	0.04
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	<0.01
45	Feed Loadout Filter for Grain Handling	PM	0.08	0.37
		PM_{10}	0.05	0.23

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		$PM_{2.5}$	<0.01	0.04
46	Tailend Mill Filter for Grain Milling	PM	0.23	1.01
		PM_{10}	0.14	0.61
		$PM_{2.5}$	0.02	0.09
48	A-Mill Pneumatic #1 for Grain Milling	PM	0.19	0.85
		PM_{10}	0.12	0.53
		$PM_{2.5}$	0.02	0.09
49	A-Mill Pneumatic #2 for Grain Milling	PM	0.19	0.85
		PM_{10}	0.12	0.53
		$PM_{2.5}$	0.02	0.09
50	A-Mill Aspiration for Grain Milling	PM	0.19	0.85
		PM_{10}	0.12	0.53
		$PM_{2.5}$	0.02	0.09
51	B-Mill Pneumatic #1 for Grain Milling	PM	0.19	0.85
		PM_{10}	0.12	0.53
		$PM_{2.5}$	0.02	0.09
52	B-Mill Pneumatic #2 for Grain Milling	PM	0.19	0.85
		PM_{10}	0.12	0.53
		$PM_{2.5}$	0.02	0.09
53	B-Mill Aspiration for Grain Milling	PM	0.19	0.85
		PM_{10}	0.12	0.53
		$PM_{2.5}$	0.02	0.09
C-1 Fug	Surge House Open Conveyor - Fugitive	PM	7.32	2.12

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		PM_{10}	4.08	1.18
		$PM_{2.5}$	0.70	0.20
C-2 Fug	Open Conveyor Gallery - Fugitive Emissions	PM	5.49	2.12
		PM_{10}	3.06	1.18
		$PM_{2.5}$	0.52	0.20
C-3 Fug	Old House Open Conveyor Fugitive Emissions	PM	2.75	2.12
		PM_{10}	1.53	1.18
		$PM_{2.5}$	0.26	0.20
	Total Open Conveyor Fugitives	PM	--	2.12
		PM_{10}	--	1.18
		$PM_{2.5}$	--	0.20
L-1	Truck Feed Loadout	PM	0.86	0.87
		PM_{10}	0.29	0.29
		$PM_{2.5}$	0.05	0.05
L-3	Truck Flour Loadout	PM	<0.01	0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
L-4	Rail Flour Loadout	PM	<0.01	0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
	Total Flour Loadout	PM	--	0.01
		PM_{10}	--	<0.01
		$PM_{2.5}$	--	<0.01

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(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 - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

Dated: July 18, 2012