

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 3646

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 (6)	
			lbs/hour	TPY (4)
Receiving Area				
FUG1	Truck Receiving Pit (5)	PM	0.04	0.18
		PM <sub>10</sub>	0.01	0.04
		PM <sub>2.5</sub>	<0.01	0.01
FUG2	Rail Receiving Pit (5)	PM	0.04	0.17
		PM <sub>10</sub>	0.01	0.04
		PM <sub>2.5</sub>	<0.01	0.01
FUG3	Bulk Feed Loadout Screw Conveyor Device (5)	PM	1.29	0.24
		PM <sub>10</sub>	0.44	0.08
		PM <sub>2.5</sub>	0.07	0.01
FUG4	Bulk Flour Loadout (5)	PM	0.01	0.03
		PM <sub>10</sub>	0.01	0.02
		PM <sub>2.5</sub>	0.01	<0.01
C1	Truck Receiving Pit and Bulk Flour Loadout Dust Collector Stack	PM	0.27	1.19
		PM <sub>10</sub>	0.27	1.19
		PM <sub>2.5</sub>	0.27	1.19
C2	Grain Cleaner Dust Collector Stack	PM	0.38	1.65
		PM <sub>10</sub>	0.38	1.65
		PM <sub>2.5</sub>	0.38	1.65
C3	Railcar Receiving Pit Dust Collector Stack	PM	0.14	0.60
		PM <sub>10</sub>	0.14	0.60
		PM <sub>2.5</sub>	0.14	0.60
SW-DC	Soft Wheat Silo Dust	PM	0.03	0.14

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		PM <sub>10</sub>	0.03	0.14
		PM <sub>2.5</sub>	0.03	0.14
STARCH-DC	Starch Silo Dust Collector Stack	PM	0.03	0.14
		PM <sub>10</sub>	0.03	0.14
		PM <sub>2.5</sub>	0.03	0.14
Milling				
C4	Flour Mill Dust Collector Stack	PM	0.34	1.50
		PM <sub>10</sub>	0.34	1.50
		PM <sub>2.5</sub>	0.34	1.50
C5	Corn Mill Dust Collector Stack	PM	0.34	1.50
		PM <sub>10</sub>	0.34	1.50
		PM <sub>2.5</sub>	0.34	1.50
C6	Screenings Baghouse Stack	PM	0.34	1.50
		PM <sub>10</sub>	0.34	1.50
		PM <sub>2.5</sub>	0.34	1.50
C7	Hoffman Vacuum System Dust Collector Stack	PM	0.02	0.11
		PM <sub>10</sub>	0.02	0.11
		PM <sub>2.5</sub>	0.02	0.11
BOOST-DC	Mill Boost Dust Collector Stack	PM	0.23	1.00
		PM <sub>10</sub>	0.23	1.00
		PM <sub>2.5</sub>	0.23	1.00
Packaging				
FUG-MP	Mixing Stations Building Fugitives (5)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
C8	Product Mixing Dust Collector Stack	PM	0.04	0.17
		PM <sub>10</sub>	0.04	0.17
		PM <sub>2.5</sub>	0.04	0.17

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C8A	Mixing and Packaging Line Dust Collector Stack	PM	0.04	0.17
		PM <sub>10</sub>	0.04	0.17
		PM <sub>2.5</sub>	0.04	0.17
C9	Product Packaging Dust Collector Stack	PM	0.07	0.29
		PM <sub>10</sub>	0.07	0.29
		PM <sub>2.5</sub>	0.07	0.29
C10	Flour Packaging Dust Collector Stack	PM	0.03	0.11
		PM <sub>10</sub>	0.03	0.11
		PM <sub>2.5</sub>	0.03	0.11
C11	Cornmeal Packaging Dust Collector	PM	0.03	0.11
		PM <sub>10</sub>	0.03	0.11
		PM <sub>2.5</sub>	0.03	0.11
C14	North Bay Bin Dust Collector Stack	PM	0.07	0.29
		PM <sub>10</sub>	0.07	0.29
		PM <sub>2.5</sub>	0.07	0.29
Product Loadout				
C12	Bulk Flour Storage Tank Filter Vent	PM	0.01	0.06
		PM <sub>10</sub>	0.01	0.06
		PM <sub>2.5</sub>	0.01	0.06
C13	Bulk Feed Loadout, Bin-40, Flour Bins #3, #5, & #7 Filter Stack	PM	<0.01	0.02
		PM <sub>10</sub>	<0.01	0.02
		PM <sub>2.5</sub>	<0.01	0.02
BIN10	Bulk Flour Bin #10 Storage Filter Vent	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
BIN20	Bulk Flour Bin #20 Storage Filter Vent	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05

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BIN30	Bulk Flour Bin #30 Storage Filter Vent	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
C16	Bulk Flour Loadout Filter Vent	PM	0.01	0.06
		PM <sub>10</sub>	0.01	0.06
		PM <sub>2.5</sub>	0.01	0.06
Kit Plant				
KP1A	Kit Plant 1 Cartridge Filter A Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
KP1B	Kit Plant 1 Cartridge Filter B Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
KP2A	Kit Plant 2 Cartridge Filter A Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
KP2B	Kit Plant 2 Cartridge Filter B Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
KP3A	Kit Plant 3 Cartridge Filter A Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
KP3B	Kit Plant 3 Cartridge Filter B Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
KP4A	Kit Plant 4 Cartridge Filter A Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05

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		PM <sub>2.5</sub>	0.01	0.05
KP4B	Kit Plant 4 Cartridge Filter B Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
KP5A	Kit Plant 5 Cartridge Filter A Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
KP5B	Kit Plant 5 Cartridge Filter B Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
KP6A	Kit Plant 6 Cartridge Filter A Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
KP6B	Kit Plant 6 Cartridge Filter B Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
KP7A	Kit Plant 7 Cartridge Filter A Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
KP7B	Kit Plant 7 Cartridge Filter B Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
KP8A	Kit Plant 8 Cartridge Filter A Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
KP8B	Kit Plant 8 Cartridge Filter B Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
Kit Plant Outside Bins				

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CRNBIN-1	Kit Plant 1 Cornmeal Bin Filter Vent	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
CRNBIN-2	Kit Plant 2 Cornmeal Bin Filter Vent	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
FLRBIN-3	Kit Plant 3 Flour Bin Filter Vent	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
FLRBIN-4	Kit Plant 4 Flour Bin Filter Vent	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
SWFLRBIN-5	Kit Plant 5 Soft Wheat Flour Bin Filter Vent	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
Indoor Filters				
THIELERF	Thiele Reclaim Filter Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
THIELE-BH	Thiele Packer Bin With Baghouse Headhouse Stack	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
HOMINY	Hominy Bin Filter Vent	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
BRAN	Bran Bin Filter Vent	PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05

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TH-DC	Thiele Packer Dust Collector Stack	PM	0.02	0.09
		PM <sub>10</sub>	0.02	0.09
		PM <sub>2.5</sub>	0.02	0.09

- (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<sub>10</sub> and PM<sub>2.5</sub>, as represented
- PM<sub>10</sub>
  - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
- PM<sub>2.5</sub>
  - 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.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Planned startup and shutdown emissions are included. Except where noted, maintenance activities are not authorized by this permit.

Date: May 18, 2017