

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56315

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
Receiving Operations				
GRAINPITS1 (4)	Railcar/Truck Receiving Pit No. 1	PM	1.68	--
		PM ₁₀	0.25	--
GRAINPITS2 (4)	Railcar/Truck Receiving Pit No. 2	PM	1.68	--
		PM ₁₀	0.25	--
	Total Receiving	PM	--	2.36
		PM ₁₀	--	0.35
Animal Feed (MIDDS) Loadout Operations				
MIDDSLOAD1 (4)	Midds Truck Loadout Spout No. 1	PM	1.26	--
		PM ₁₀	0.43	--
MIDDSLOAD2 (4)	Midds Truck Loadout Spout No. 2	PM	1.26	--
		PM ₁₀	0.43	--
	Total Midds Loadout	PM	--	1.58
		PM ₁₀	--	0.53
Bin Baghouses				
MIDDSFBOX1 (5)	Midds Bin Filter Box	PM/PM ₁₀	0.06	0.26
MIDDSFBOX2 (5)	Midds Bin Filter Box	PM/PM ₁₀	0.06	0.26
MIDDSFBOX3 (5)	Midds Bin Filter Box	PM/PM ₁₀	0.06	0.26
FB3BINBH (5)	Flour Storage Bin Baghouse	PM/PM ₁₀	0.06	0.26
FB4BINBH (5)	Flour Storage Bin Baghouse	PM/PM ₁₀	0.06	0.26
FB5BINBH (5)	Flour Storage Bin Baghouse	PM/PM ₁₀	0.06	0.26

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			lb/hr	TPY
FB6BINBH (5)	Starch Storage Bin Baghouse	PM/PM ₁₀	0.06	0.26
STCHBINBH (5)	Starch Storage Bin Baghouse	PM/PM ₁₀	0.06	0.26
Building Vents				
CMFAN (5)	Corn Mill Exhaust Fan	PM/PM ₁₀	0.12	0.51
BULKSTGBLD (5)	Bulk Storage Building	PM/PM ₁₀	0.03	0.13
FLRDUSTCOL (5)	Flour Bin Dust Collection System	PM/PM ₁₀	0.70	3.04
Z1DUSTCOLL (5)	Zone 1 Dust Collection System	PM/PM ₁₀	0.06	0.26
Z2DUSTCOLL (5)	Zone 2 Dust Collection System	PM/PM ₁₀	0.70	3.04
Z4DUSTCOLL (5)	Zone 4 Dust Collection System	PM/PM ₁₀	0.06	0.26
Z2FAN (5)	Zone 2 Exhaust Fan	PM/PM ₁₀	0.14	0.62
Z3FANS (5)	Zone 3 Exhaust Fans	PM/PM ₁₀	0.07	0.31
Z4FANS (5)	Zone 4 Exhaust Fans	PM/PM ₁₀	0.01	0.05
Milling Baghouses				
FMDUSTCOL1 (5)	Flour Mill Dust Collection System	PM/PM ₁₀	0.70	3.04
FMDUSTCOL2 (5)	Flour Mill Dust Collection System	PM/PM ₁₀	0.70	3.04

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			<u>Emission Rates</u>	
			<u>lb/hr</u>	<u>TPY</u>
FMDUSTCOL3 (5)	Flour Mill Dust Collection System	PM/PM ₁₀	0.70	3.04
FMDUSTCOL4 (5)	Flour Mill Dust Collection System	PM/PM ₁₀	0.70	3.04
FMDUSTCOL5 (5)	Flour Mill Dust Collection System	PM/PM ₁₀	0.70	3.04
FMHAMFBOX (5)	Flour Hammer Mill Filter Box	PM/PM ₁₀	0.06	0.26
CMHAMFBOX (5)	Corn Hammer Mill Filter Box	PM/PM ₁₀	0.70	3.04
Scale Tank Baghouses				
E1SCLBH (5)	Scale Tank Baghouse	PM/PM ₁₀	0.06	0.26
E2SCLBH (5)	Scale Tank Baghouse	PM/PM ₁₀	0.06	0.26
E3SCLBH (5)	Scale Tank Baghouse	PM/PM ₁₀	0.06	0.26
E4SCLBH (5)	Scale Tank Baghouse	PM/PM ₁₀	0.06	0.26
R4R6BH (5)	Scale Tank Baghouse	PM/PM ₁₀	0.06	0.26
Pack Tank Filter Boxes				
3C1FBOX (5)	Pack Tank Filter Box	PM/PM ₁₀	0.06	0.26
3F1FBOX (5)	Pack Tank Filter Box	PM/PM ₁₀	0.06	0.26
3F2FBOX (5)	Pack Tank Filter Box	PM/PM ₁₀	0.06	0.26
3F3FBOX (5)	Pack Tank Filter Box	PM/PM ₁₀	0.06	0.26
4B2FBOX (5)	Pack Tank Filter Box	PM/PM ₁₀	0.06	0.26

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			lb/hr	TPY
4P1FBOX (5)	Pack Tank Filter Box	PM/PM ₁₀	0.06	0.26
4P2FBOX (5)	Pack Tank Filter Box	PM/PM ₁₀	0.06	0.26
4P3FBOX (5)	Pack Tank Filter Box	PM/PM ₁₀	0.06	0.26
Miscellaneous				
PWBLENDFBX (5)	Pre-Weigh Blend Tank Filter Box	PM/PM ₁₀	0.06	0.26
PWFANS (5)	Pre-Weigh Area Exhaust Fans	PM/PM ₁₀	0.01	0.05
GEFUG (5)	Grain Elevator Fugitives	PM/PM ₁₀	0.07	0.30
BFLOFILTER (5)	Bulk Flour Loadout Filter Box	PM/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 PM₁₀.
PM₁₀ - 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.
- (4) Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.
- (5) Emissions are based on and the facilities are limited by the following maximum operating schedule and production rates:

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

Dated October 1, 2004