

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, 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 Operations				
GRAINPITS1	Railcar/Truck Receiving Pit No. 1 Fugitives (5)	PM	1.68	2.36
		PM ₁₀	0.25	0.35
		PM _{2.5}	0.25	0.35
GRAINPITS2	Railcar/Truck Receiving Pit No. 2 Fugitives (5)	PM	1.68	2.36
		PM ₁₀	0.25	0.35
		PM _{2.5}	0.25	0.35
	Total Annual Receiving Operations	PM	--	2.36
		PM ₁₀	--	0.35
		PM _{2.5}	--	0.35
Animal Feed (MIDDS) Loadout Operations				
MIDDSLOAD1	MIDDS Truck Loadout Spout No. 1 Fugitives (5)	PM	1.26	1.58
		PM ₁₀	0.43	0.53
		PM _{2.5}	0.43	0.53
MIDDSLOAD2	MIDDS Truck Loadout Spout No. 2 Fugitives (5)	PM	1.26	1.58
		PM ₁₀	0.43	0.53
		PM _{2.5}	0.43	0.53
	Total Annual MIDDS Loadout Operations	PM	--	1.58
		PM ₁₀	--	0.53
		PM _{2.5}	--	0.53
Bin Baghouses				
MIDDSFBOX1	MIDDS Bin Filter Box 1 Vent	PM	0.06	0.26

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MIDDSFBOX1	MIDDS Bin Filter Box 1 Vent	PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
MIDDSFBOX2	MIDDS Bin Filter Box 2 Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
MIDDSFBOX3	MIDDS Bin Filter Box 3 Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
FB3BINBH	Flour Storage Bin 3 Baghouse Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
FB4BINBH	Flour Storage Bin 4 Baghouse Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
FB5BINBH	Flour Storage Bin 5 Baghouse Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
FB6BINBH	Starch Storage Bin 6 Baghouse Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
STCHBINBH	Starch Storage Bin Baghouse Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
Building Vents				
CMFAN	Corn Mill Exhaust Fan Vent	PM	0.12	0.51
		PM ₁₀	0.12	0.51
		PM _{2.5}	0.12	0.51
BULKSTGBLD	Bulk Storage Building Vent	PM	0.03	0.13
		PM ₁₀	0.03	0.13

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		PM _{2.5}	0.03	0.13
FLRDUSTCOL	Flour Bin Dust Collection System Stack	PM	0.70	3.04
		PM ₁₀	0.70	3.04
		PM _{2.5}	0.70	3.04
Z1DUSTCOLL	Zone 1 Dust Collection System Stack	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
Z2DUSTCOLL	Zone 2 Dust Collection System Stack	PM	0.70	3.04
		PM ₁₀	0.70	3.04
		PM _{2.5}	0.70	3.04
Z4DUSTCOLL	Zone 4 Dust Collection System Stack	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
Z2FAN	Zone 2 Exhaust Fan Vent	PM	0.14	0.62
		PM ₁₀	0.14	0.62
		PM _{2.5}	0.14	0.62
Z3FANS	Zone 3 Exhaust Fans Vent	PM	0.07	0.31
		PM ₁₀	0.07	0.31
		PM _{2.5}	0.07	0.31
Z4FANS	Zone 4 Exhaust Fans Vent	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.05
Milling Baghouses				
FMDUSTCOL1	Flour Mill Dust Collection System 1 Stack	PM	0.70	3.04
		PM ₁₀	0.70	3.04
FMDUSTCOL1	Flour Mill Dust Collection System 1 Stack	PM _{2.5}	0.70	3.04
FMDUSTCOL2	Flour Mill Dust Collection System 2 Stack	PM	0.70	3.04
		PM ₁₀	0.70	3.04

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		PM _{2.5}	0.70	3.04
FMDUSTCOL3	Flour Mill Dust Collection System 3 Stack	PM	0.70	3.04
		PM ₁₀	0.70	3.04
		PM _{2.5}	0.70	3.04
FMDUSTCOL4	Flour Mill Dust Collection System 4 Stack	PM	0.70	3.04
		PM ₁₀	0.70	3.04
		PM _{2.5}	0.70	3.04
FMDUSTCOL5	Flour Mill Dust Collection System 5 Stack	PM	0.70	3.04
		PM ₁₀	0.70	3.04
		PM _{2.5}	0.70	3.04
FMHAMFBOX	Flour Hammer Mill Filter Box Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
CMHAMFBOX	Corn Hammer Mill Filter Box Vent	PM	0.70	3.04
		PM ₁₀	0.70	3.04
		PM _{2.5}	0.70	3.04
Scale Tank Baghouses				
E1SCLBH	Scale Tank 1 Baghouse Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
E2SCLBH	Scale Tank 2 Baghouse Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
E3SCLBH	Scale Tank 3 Baghouse Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
E4SCLBH	Scale Tank 4 Baghouse Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26

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R4R6BH	Scale Tank Baghouse Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
Pack Tank Filter Boxes				
3C1FBOX	Pack Tank Filter Box 3C1 Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
3F1FBOX	Pack Tank Filter Box 3F1 Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
3F2FBOX	Pack Tank Filter Box 3F2 Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
3F3FBOX	Pack Tank Filter Box 3F3 Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
4B2FBOX	Pack Tank Filter Box 4B2 Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
4P1FBOX	Pack Tank Filter Box 4P1 Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
4P1FBOX	Pack Tank Filter Box 4P1 Vent	PM _{2.5}	0.06	0.26
4P2FBOX	Pack Tank Filter Box 4P2 Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
4P3FBOX	Pack Tank Filter Box 4P3 Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26

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Miscellaneous				
PWBLENDFBX	Pre-Weigh Blend Tank Filter Box Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.06	0.26
PWFANS	Pre-Weight Area Exhaust Fans Vent	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.05
GEFUG	Grain Elevator Fugitives (5)	PM	0.07	0.30
		PM ₁₀	0.07	0.30
		PM _{2.5}	0.07	0.30
BFLOFILTER	Bulk Flour Loadout Filter Box Vent	PM	0.06	0.26
		PM ₁₀	0.06	0.26
		PM _{2.5}	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
 - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 - PM₁₀
 - 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.
- (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. Maintenance activities are not authorized by this permit.

Date: December 12, 2014