

Emission Sources - Maximum Allowable Emission Rates

Permit Number 4901

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 (5)	
			lbs/hour	TPY (4)
401	Truck/Railcar Receiving Pit (6)	PM	3.83	1.06
		PM ₁₀	0.57	0.16
		PM _{2.5}	0.57	0.16
402	Grain Elevator Baghouse Stack	PM	0.99	4.34
		PM ₁₀	0.99	4.34
		PM _{2.5}	0.99	4.34
404	North Cleaning House Baghouse Stack	PM	0.61	2.67
		PM ₁₀	0.61	2.67
		PM _{2.5}	0.61	2.67
405	Center Cleaning House Baghouse Stack	PM	0.34	1.50
		PM ₁₀	0.34	1.50
		PM _{2.5}	0.34	1.50
420	General Exhaust System Baghouse Stack	PM	0.63	2.78
		PM ₁₀	0.63	2.78
		PM _{2.5}	0.11	0.47
421	Pneumatic System Baghouse Filter 1 Stack	PM	0.39	1.69
		PM ₁₀	0.39	1.69
		PM _{2.5}	0.07	0.29
422	Pneumatic System Baghouse Filter 2 Stack	PM	0.39	1.69
		PM ₁₀	0.39	1.69
		PM _{2.5}	0.07	0.29
410	Hammermill Baghouse Stack	PM	0.19	0.83
		PM ₁₀	0.19	0.83
		PM _{2.5}	0.19	0.83
412	Blending Baghouse Stack	PM	0.43	1.88
		PM ₁₀	0.43	1.88
		PM _{2.5}	0.43	1.88

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423	Flour Bins F1-4 Baghouse Stack	PM	0.17	0.75
		PM ₁₀	0.17	0.75
		PM _{2.5}	0.03	0.13
424	Flour Bins F5-8 Baghouse Stack	PM	0.17	0.75
		PM ₁₀	0.17	0.75
		PM _{2.5}	0.03	0.13
425	Flour Bins F9-10 Baghouse Stack	PM	0.10	0.45
		PM ₁₀	0.10	0.45
		PM _{2.5}	0.02	0.08
414	North Loadout Baghouse Stack	PM	0.16	0.69
		PM ₁₀	0.16	0.69
		PM _{2.5}	0.16	0.69
415	South Loadout Baghouse Stack	PM	0.16	0.69
		PM ₁₀	0.16	0.69
		PM _{2.5}	0.16	0.69
426	Feed Bin Baghouse Stack	PM	0.03	0.15
		PM ₁₀	0.03	0.15
		PM _{2.5}	0.01	0.03
416A	Truck Feed Bin Loadout (6)	PM	0.17	0.13
		PM ₁₀	0.06	0.05
		PM _{2.5}	0.06	0.05
417	Truck/Railcar Flour Loadout (6)	PM	0.09	0.04
		PM ₁₀	0.03	0.02
		PM _{2.5}	0.03	0.02
417A	Truck/Railcar Wheat Loadout (6)	PM	8.60	0.13
		PM ₁₀	2.90	0.04
		PM _{2.5}	0.49	0.01
418	Equipment Disinfection (6)	NaOCl	0.01	0.05

(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

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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

NaOCl - sodium hypochlorite (bleach)

- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: August 6, 2015