

Emission Sources - Maximum Allowable Emission Rates

Permit Number 40089

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)
Receiving/Cleaning				
401	A Mill Cleaning Bagfilter	PM	0.51	2.22
		PM ₁₀	0.51	2.22
402	B Mill Cleaning Bagfilter	PM	0.55	2.39
		PM ₁₀	0.55	2.39
Flour Processing				
403	A Mill Multiple Pneumatic NPP1 Bagfilter	PM	0.34	1.50
		PM ₁₀	0.34	1.50
404	A Mill Multiple Pneumatic NPP2 Bagfilter	PM	0.34	1.50
		PM ₁₀	0.34	1.50
405	A Mill Purifier Exhaust Bagfilter	PM	0.51	2.23
		PM ₁₀	0.51	2.23
406	B Mill Pneumatic 1 Bagfilter	PM	0.34	1.49
		PM ₁₀	0.34	1.49
407	B Mill Pneumatic 2 Bagfilter	PM	0.34	1.49
		PM ₁₀	0.34	1.49
408	B Mill Purifier Exhaust Bagfilter	PM	0.89	3.89
		PM ₁₀	0.89	3.89
409	B Mill Finished Product Aspiration 1 Bagfilter	PM	0.02	0.09
		PM ₁₀	0.02	0.09
410	B Mill Finished Product Aspiration 2 Bagfilter	PM	0.05	0.20
		PM ₁₀	0.05	0.20

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411	B Mill Finished Product Aspiration 3 Bagfilter	PM	0.03	0.13
		PM ₁₀	0.03	0.13
Flour Blending and Loadout				
412	White Flour Storage Bagfilter	PM	0.53	2.31
		PM ₁₀	0.53	2.31
413	White Flour Loadout Bin Exhaust Bagfilter	PM	0.28	1.24
		PM ₁₀	0.28	1.24
414	Packer Bins 1 and 2 Bagfilter	PM	0.25	1.11
		PM ₁₀	0.25	1.11
FUG	Broken Bag Bagfilter (6) (7)	PM	< 0.01	0.01
		PM ₁₀	< 0.01	0.01
416	Whole Wheat Flour Loadout 1 Bagfilter	PM	0.01	0.02
		PM ₁₀	0.01	0.02
418	Whole Wheat Flour Loadout 3 Bagfilter	PM	< 0.01	0.02
		PM ₁₀	< 0.01	0.02
Mill Feed Process and Loadout				
419	Hammermill Bagfilter	PM	0.13	0.59
		PM ₁₀	0.13	0.59
420	Vacuum System Bagfilter	PM	0.02	0.07
		PM ₁₀	0.02	0.07
421	Mill Feed Bin 1 Bagfilter	PM	0.07	0.31
		PM ₁₀	0.07	0.31
422	Mill Feed Bin 2 Bagfilter	PM	0.07	0.31
		PM ₁₀	0.07	0.31
423	Mill Feed Bin Loadout General Aspiration Bagfilter	PM	0.04	0.17
		PM ₁₀	0.04	0.17

- (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) CO - carbon monoxide
NO_x - total oxides of nitrogen
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

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represented

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

(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) Fugitive emissions are an estimate only.

(7) Emissions are exhausted inside building.

Date: December 13, 2012