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 (201)				
425	C Transfer Chain Conveyor (MVRW)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
426	C Transfer Elevator (MVRW)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
427	C Transfer Chain Conveyor 1 (MVRW)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
428	C Transfer Chain Conveyor 2 (MVRW)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
401	A Cleaning (B235)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
402	B Cleaning (MVRT-104-30)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
424	C Cleaning (MVRT)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
Flour Processing (202)				
403	A Mill Multiple Pneumatic NPP1	PM	0.20	0.85

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		PM_{10}	0.20	0.85
		$PM_{2.5}$	0.20	0.85
404	A Mill Multiple Pneumatic NPP2 (C203)	PM	0.20	0.85
		PM_{10}	0.20	0.85
		$PM_{2.5}$	0.20	0.85
405	A Mill Purifier Exhaust (C195)	PM	0.29	1.26
		PM_{10}	0.29	1.26
		$PM_{2.5}$	0.29	1.26
406	B Mill Pneumatic 1 (MVRT-78/30)	PM	0.19	0.84
		PM_{10}	0.19	0.84
		$PM_{2.5}$	0.19	0.84
407	B Mill Pneumatic 2 (MVRT-78/30)	PM	0.19	0.84
		PM_{10}	0.19	0.84
		$PM_{2.5}$	0.19	0.84
408	B Mill Purifier Exhaust (MVRT-104/30)	PM	0.51	2.20
		PM_{10}	0.51	2.20
		$PM_{2.5}$	0.51	2.20
409	B Mill Finished Product Aspiration 1 (MVRU-6/18)	PM	0.01	0.05
		PM_{10}	0.01	0.05
		$PM_{2.5}$	0.01	0.05
410	B Mill Finished Product Aspiration 2 (MVRU-12/18)	PM	0.03	0.11
		PM_{10}	0.03	0.11
		$PM_{2.5}$	0.03	0.11
411	B Mill Finished Product Aspiration 3 (MVRU-6/18)	PM	0.02	0.07
		PM_{10}	0.02	0.07
		$PM_{2.5}$	0.02	0.07
429	C Mill Pneumatic 1 (MVRT)	PM	0.31	1.35
		PM_{10}	0.31	1.35
		$PM_{2.5}$	0.31	1.35

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430	C Mill Pneumatic 2 (MVRT)	PM	0.31	1.35
		PM_{10}	0.31	1.35
		$PM_{2.5}$	0.31	1.35
431	C Mill Aspiration (MVRT)	PM	0.37	1.59
		PM_{10}	0.37	1.59
		$PM_{2.5}$	0.37	1.59
Flour Blending and Loadout (203)				
412	White Flour Storage (D175)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
413	White Flour Loadout Bin Exhaust (D110-1 thru -4)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
414	Packer Bins 1 & 2	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
416	Whole Wheat Flour Loadout 1 (MVRU-4/18)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
417	Whole Wheat Flour Loadout 2 (MVRU-4/18)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
418	Whole Wheat Flour Loadout 3 (MVRU-4/18)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
432	Flour Silo Aspiration (MVRT)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
433	Flour Transfer Line 1 to Loadout (MVRT)	PM	<0.01	<0.01

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		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
434	Flour Transfer Line 2 to Loadout (MVRT)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
435	Packer Filter (MVRT)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
442	Loadout and Pack Bins Exhaust (MVRT)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
443	Transfer System Loadout 1	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
444	Transfer System Loadout 2	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
445	A-Mill Intermediate Receiver	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
446	B-Mill Intermediate Receiver	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
Additional Flour Blending & Loadout (203)				
437	MVRW Flour Bin Loadout	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
438	MVRW Truck Loadout Bin Tops 1	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01

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		$PM_{2.5}$	<0.01	<0.01
439	MVRW Truck Loadout Bin Tops 2	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
440	MVRW Rail Loadout Bin Tops 1	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
441	MVRW Rail Loadout Bin Tops 2	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
Mill Feed Process & Loadout (204)				
419	Hammermill (E18)	PM	0.13	0.59
		PM_{10}	0.13	0.59
		$PM_{2.5}$	0.13	0.59
420	Vacuum System (RPPR-14/3)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
421	Mill Feed Bin 1	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
422	Mill Feed Bin 2	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
423	Mill Feed Loadout General Aspiration (MVRU-9/12)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
436	MillFeed Bin Aspiration (MVRW)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01

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(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_{10} and $PM_{2.5}$, as represented
PM_{10} - 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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: March 11, 2022