

Emission Sources - Maximum Allowable Emission Rates

Permit Number 4540

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)
4	Rail Receiving No. 1	PM	1.92	4.70
		PM ₁₀	0.47	1.54
		PM _{2.5}	0.08	0.26
2	Rail Receiving No. 2	PM	1.08	4.70
		PM ₁₀	0.26	1.54
		PM _{2.5}	0.04	0.26
29	Truck Receiving North	PM	4.05	4.70
		PM ₁₀	1.33	1.54
		PM _{2.5}	0.23	0.26
30	Truck Receiving South	PM	4.05	4.70
		PM ₁₀	1.33	1.54
		PM _{2.5}	0.23	0.26
	Total Annual Receiving Operations	PM	--	4.70
		PM ₁₀	--	1.54
		PM _{2.5}	--	0.26
3	Rail Loadout No. 1	PM	1.62	33.67
		PM ₁₀	0.13	11.35
		PM _{2.5}	0.02	1.91
1	Rail Loadout No. 2	PM	1.62	33.67
		PM ₁₀	0.13	11.35
		PM _{2.5}	0.02	1.91
32	Truck Loadout	PM	29.03	33.67
		PM ₁₀	9.79	11.35
		PM _{2.5}	1.65	1.91
	Total Annual Loadout Operations	PM	--	33.67
		PM ₁₀	--	11.35
		PM _{2.5}	--	1.91

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33	Dust Loadout	PM	3.23	0.11
		PM ₁₀	1.09	0.04
		PM _{2.5}	0.18	0.01
37	Bin Top Baghouse	PM	0.86	1.45
		PM ₁₀	0.86	1.45
		PM _{2.5}	0.86	1.45
40	Headhouse and Truck Pit Baghouse	PM	1.63	2.75
		PM ₁₀	1.63	2.75
		PM _{2.5}	1.63	2.75
38	Bin Top and Headhouse Baghouse	PM	2.44	4.12
		PM ₁₀	2.44	4.12
		PM _{2.5}	2.44	4.12
42	Truck Pit Baghouse	PM	1.63	2.75
		PM ₁₀	1.63	2.75
		PM _{2.5}	1.63	2.75
47	Headhouse Baghouse "K"	PM	3.90	6.59
		PM ₁₀	3.90	6.59
		PM _{2.5}	3.90	6.59
48	Grain Cleaner Cyclone	PM	0.26	0.51
		PM ₁₀	0.26	0.51
		PM _{2.5}	0.26	0.51
49	Dust Tank Baghouse	PM	0.02	0.01
		PM ₁₀	0.01	<0.01
		PM _{2.5}	0.01	<0.01
50	Container Loading Fugitives	PM	2.06	0.05
		PM ₁₀	0.70	0.02
		PM _{2.5}	0.12	<0.01

(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

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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.

Dated: August 28, 2012