

Emission Sources - Maximum Allowable Emission Rates

Permit Number 19563

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)
BAG3	Railcar Receiving Hopper No. 1 Baghouse Stack	PM	0.61	1.67
		PM ₁₀	0.61	1.67
		PM _{2.5}	0.61	1.67
BAG4	Railcar Receiving Hopper No. 2 Baghouse Stack	PM	0.61	1.67
		PM ₁₀	0.61	1.67
		PM _{2.5}	0.61	1.67
BAG5	Railcar Receiving Hopper No. 3 Baghouse Stack	PM	0.61	1.67
		PM ₁₀	0.61	1.67
		PM _{2.5}	0.61	1.67
BAG1A	Rail Receiving Baghouse Stack	PM	3.59	9.87
		PM ₁₀	3.59	9.87
		PM _{2.5}	3.59	9.87
BAG6	Truck Receiving Hopper No. 1 Baghouse Stack	PM	2.01	3.73
		PM ₁₀	2.01	3.73
		PM _{2.5}	2.01	3.73
BAG7	Truck Receiving Hopper No. 2 Baghouse Stack	PM	2.01	3.73
		PM ₁₀	2.01	3.73
		PM _{2.5}	2.01	3.73
FUG1	Railcar Receiving Hopper No. 1 (6)	PM	2.59	7.80
		PM ₁₀	0.63	1.74
		PM _{2.5}	0.11	0.29

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FUG2	Railcar Receiving Hopper No. 2 (6)	PM	2.59	7.80
		PM ₁₀	0.63	1.74
		PM _{2.5}	0.11	0.29
FUG3	Railcar Receiving Hopper No. 3 (6)	PM	2.59	7.80
		PM ₁₀	0.63	1.74
		PM _{2.5}	0.11	0.29
FUG4	Truck Receiving Hopper No. 1 (6)	PM	2.10	7.80
		PM ₁₀	0.47	1.74
		PM _{2.5}	0.08	0.29
FUG5	Truck Receiving Hopper No. 2 (6)	PM	2.10	7.80
		PM ₁₀	0.47	1.74
		PM _{2.5}	0.08	0.29
	Total Receiving Operations (6)	PM	--	7.80
		PM ₁₀	--	1.74
		PM _{2.5}	--	0.29
BAG2	North Head House Baghouse Stack	PM	3.65	12.77
		PM ₁₀	3.65	12.77
		PM _{2.5}	3.65	12.77
BAG1	Bin Deck Baghouse Stack	PM	3.63	12.68
		PM ₁₀	3.63	12.68
		PM _{2.5}	3.63	12.68
BAG20	South Head House Baghouse Stack	PM	3.33	11.66
		PM ₁₀	3.33	11.66
		PM _{2.5}	3.33	11.66
BAG00	South Head House 200" Conveyors Baghouse Stack	PM	0.43	1.51
		PM ₁₀	0.43	1.51
		PM _{2.5}	0.43	1.51

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BAG21	Steel Bins Reclaim Baghouse Stack	PM	3.60	12.60
		PM ₁₀	3.60	12.60
		PM _{2.5}	3.60	12.60
BAG22	Top of South Head House Legs Baghouse Stack	PM	1.71	6.00
		PM ₁₀	1.71	6.00
		PM _{2.5}	1.71	6.00
BAG26	Central Vessel Loading Arm Baghouse Stack (Controlled Loading)	PM	0.09	0.03
		PM ₁₀	0.09	0.03
		PM _{2.5}	0.09	0.03
FUG6	Truck Loadout Spout (6)	PM	7.74	3.87
		PM ₁₀	2.61	1.31
		PM _{2.5}	0.44	0.22
FUG7	Railcar Loadout Spout (6)	PM	2.43	5.67
		PM ₁₀	0.20	0.46
		PM _{2.5}	0.03	0.08
FUG8	Central Vessel Arm Controlled Loading Fugitives (6)	PM	5.76	10.08
		PM ₁₀	1.44	2.52
		PM _{2.5}	0.26	0.46
FUG10	West Vessel Loading Arm Fugitives (6)	PM	5.76	10.08
		PM ₁₀	1.44	2.52
		PM _{2.5}	0.26	0.46
FUG11	East Vessel Loading Arm Fugitives (6)	PM	5.76	10.08
		PM ₁₀	1.44	2.52
		PM _{2.5}	0.26	0.46
FUG9	Central Vessel Loading Arm Fugitives (Uncontrolled Loading) (6)	PM	5.76	5.04
		PM ₁₀	1.44	1.26
		PM _{2.5}	0.26	0.23

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	Total Loadout Operations (FUG6, 7, 8, 10, & 11) (6)	PM	--	16.33
		PM ₁₀	--	4.42
		PM _{2.5}	--	0.79
FUG12	Dust Bin Loadout Fugitives (6)	PM	1.72	0.13
		PM ₁₀	0.58	0.04
		PM _{2.5}	0.01	0.01
FUG13	Foreign Material Tank Loadout Fugitives (6)	PM	1.72	0.04
		PM ₁₀	0.58	0.01
		PM _{2.5}	0.01	<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
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.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: December 15, 2014