

Emission Sources – Maximum Allowable Emission Rates

Permit Number 2199D

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 (6)	
			lbs/hour	TPY (4)
DF-2	Rail Receiving Pit Baghouse Stack	PM	0.44	0.65
		PM ₁₀	0.44	0.65
		PM _{2.5}	0.44	0.65
DF-3	Rail Receiving Pit Baghouse Stack	PM	0.44	0.65
		PM ₁₀	0.44	0.65
		PM _{2.5}	0.44	0.65
RR-2	Rail Receiving Pit No. 2 (5)	PM	0.95	--
		PM ₁₀	0.14	--
		PM _{2.5}	0.14	--
RR-3	Rail Receiving Pit No. 3 (5)	PM	0.95	--
		PM ₁₀	0.14	--
		PM _{2.5}	0.14	--
	Total Receiving Operations (5) (RR-2 and RR-3)	PM	--	2.84
		PM ₁₀	--	0.42
		PM _{2.5}	--	0.42
DF-16	Internal Handling / Grain Cleaning Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-17	Internal Handling / Grain Cleaning Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
C-1	Cleaner No. 1 (5)	PM	0.09	--
		PM ₁₀	0.02	--
		PM _{2.5}	0.02	--

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C-2	Cleaner No. 2 (5)	PM	0.09	--
		PM ₁₀	0.02	--
		PM _{2.5}	0.02	--
C-3	Cleaner No. 3 (5)	PM	0.09	--
		PM ₁₀	0.02	--
		PM _{2.5}	0.02	--
	Total Cleaning Operations (5) (C-1, C-2, and C-3)	PM	--	0.04
		PM ₁₀	--	0.01
		PM _{2.5}	--	0.01
DF-5	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-6	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-7	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-8	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-9	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-10	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-11	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-12	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33

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		PM _{2.5}	1.90	0.33
DF-13	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-14	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-15	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-19	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-20	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-21A	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-21B	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-21C	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-22A	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-22B	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-22C	Internal Handling Baghouse Stack	PM	1.90	0.33

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		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-23A	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-23B	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-23C	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-26A	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-26B	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-26C	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-26D	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-26E	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-26F	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-27A	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33

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DF-27B	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-27C	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-27D	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-27E	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-27F	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-28A	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-28B	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-28C	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-28D	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-28E	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-28F	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33

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		PM _{2.5}	1.90	0.33
DF-31A	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-31B	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-32A	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DF-32B	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
	Building Fugitives (5)	PM	0.14	0.60
		PM ₁₀	0.14	0.60
		PM _{2.5}	0.14	0.60
WEST POWERCORE	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
EAST POWERCORE	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
DMR-1	Internal Handling Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
IH	Internal Handling (5)	PM	12.28	2.14
		PM ₁₀	6.84	1.19
		PM _{2.5}	6.84	1.19
West Bustle	Ship Loadout - West Spout Baghouse Stack	PM	0.67	0.70
		PM ₁₀	0.67	0.70
		PM _{2.5}	0.67	0.70
East Bustle	Ship Loadout - East Spout	PM	0.67	0.70

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	Baghouse Stack	PM ₁₀	0.67	0.70
		PM _{2.5}	0.67	0.70
Center Bustle	Ship Loadout - Center Spout Baghouse Stack	PM	0.67	0.70
		PM ₁₀	0.67	0.70
		PM _{2.5}	0.67	0.70
DF-25	Truck/Rail Loadout Baghouse Stack	PM	1.90	0.33
		PM ₁₀	1.90	0.33
		PM _{2.5}	1.90	0.33
SHIP-1	Ship Loadout No. 1 (5)	PM	2.69	--
		PM ₁₀	0.67	--
		PM _{2.5}	0.67	--
SHIP-2	Ship Loadout No. 2 (5)	PM	2.69	--
		PM ₁₀	0.67	--
		PM _{2.5}	0.67	--
SHIP-3	Ship Loadout No. 3 (5)	PM	2.69	--
		PM ₁₀	0.67	--
		PM _{2.5}	0.67	--
SHIP-4	Truck/Rail Loadout (5)	PM	0.60	--
		PM ₁₀	0.20	--
		PM _{2.5}	0.20	--
	Total Loadout Operations (5) (SHIP-1, SHIP-2, SHIP-3, and SHIP-4)	PM	--	8.40
		PM ₁₀	--	2.10
		PM _{2.5}	--	2.10

- (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) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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Dated: May 30, 2013