

Emission Sources - Maximum Allowable Emission Rates

Permit Number 20987

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)
REC-1	Truck/Rail Receiving Pit No. 1	PM	0.51	--
		PM ₁₀	0.08	--
REC-2	Truck Receiving Pit No. 2	PM	0.51	--
		PM ₁₀	0.08	--
	Total Receiving Operations (Pit Nos. 1 and 2)	PM	--	0.60
		PM ₁₀	--	0.09
L1	Loadout	PM	4.30	--
		PM ₁₀	1.45	--
L2	Loadout	PM	4.30	--
		PM ₁₀	1.45	--
L3	Loadout	PM	4.30	--
		PM ₁₀	1.45	--
L4	Loadout	PM	4.30	--
		PM ₁₀	1.45	--
L5	Loadout	PM	4.30	--
		PM ₁₀	1.45	--
L6	Loadout	PM	4.30	--
		PM ₁₀	1.45	--
L7	Loadout	PM	4.30	--
		PM ₁₀	1.45	--

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L8	Loadout	PM	4.30	--
		PM ₁₀	1.45	--
LA	Loadout	PM	4.30	--
		PM ₁₀	1.45	--
LB	Loadout	PM	4.30	--
		PM ₁₀	1.45	--
LC	Loadout	PM	4.30	--
		PM ₁₀	1.45	--
LD	Loadout	PM	4.30	--
		PM ₁₀	1.45	--
LWC	Whole Corn Loadout	PM	2.15	--
		PM ₁₀	0.73	--
	Total Loadout Operations (L1, L2, L3, L4, L5, L6, L7, L8, LA, LB, LC, LD, and LWC)	PM	--	3.01
		PM ₁₀	--	1.02
FFREC-FUG	Finished Feed Receiving Pit Fugitives	PM	0.50	0.11
		PM ₁₀	0.08	0.02
FFMIX-FUG	Finished Feed Mixing Fugitives	PM	0.05	0.01
		PM ₁₀	0.01	<0.01
BAG-F	Finished Feed Receiving/Mixing Bagfilter	PM ₁₀	0.51	0.51
FF-L1	Finished Feed Loadout No. 1	PM	2.58	--
		PM ₁₀	0.87	--
FF-L2	Finished Feed Loadout No. 2	PM	2.58	--
		PM ₁₀	0.87	--
FF-L3	Finished Feed Loadout No. 3	PM	2.58	--

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		PM ₁₀	0.87	--
	Total Finished Feed Loadout Operations (FF-L1, FF-L2, and FF-L3)	PM	--	0.56
		PM ₁₀	--	0.19
BAG-3	Mineral Tank No. 1/Mineral Tank No. 2 Bagfilter	PM ₁₀	0.13	0.13
BAG-D	Mineral Mixer/Feed Mixer Bagfilter	PM ₁₀	0.73	0.95
MIX2-FUG	Feed Mixer Fugitives	PM	0.05	0.02
		PM ₁₀	0.01	<0.01
LT1	Loadout Tank 1	PM	0.60	--
		PM ₁₀	0.20	--
LT2	Loadout Tank 2	PM	0.60	--
		PM ₁₀	0.20	--
LT3	Loadout Tank 3	PM	0.60	--
		PM ₁₀	0.20	--
LT4	Loadout Tank 4	PM	0.60	--
		PM ₁₀	0.20	--
LT5	Loadout Tank 5	PM	0.60	--
		PM ₁₀	0.20	--
LT6	Loadout Tank 6	PM	0.60	--
		PM ₁₀	0.20	--
	Total Loadout Operations (LT1, LT2, LT3, LT4, LT5, and LT6)	PM	--	1.34
		PM ₁₀	--	0.45
BC-REC	Big Commodity Storage Building Receiving	PM	2.81	0.44
		PM ₁₀	0.41	0.07
BC-MIX	Big Commodity Handling and Mixing	PM	0.31	0.44

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		PM ₁₀	0.05	0.07
BC-L-FUG	Big Commodity Storage Building Loadout Fugitives	PM	0.47	--
		PM ₁₀	0.16	--
BC-LB-FUG	Big Commodity Storage Building Loadout B Fugitives	PM	0.26	--
		PM ₁₀	0.09	--
	Total Commodity Building Loadout Operations Fugitives (BC-L-FUG and BC-LB-FUG)	PM	--	0.22
		PM ₁₀	--	0.08
BAG-E	Big Commodity Storage Building Loadout/Loadout B Bagfilter	PM ₁₀	0.64	0.64
BAG-B1	Tanks A, B, C, D, and E Processing/Bagging Bagfilter	PM ₁₀	0.13	0.08

- (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
- (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: July 11, 2012