

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission Rates *</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

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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. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission Rates*</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
REC-1	Truck/Rail Receiving Pit 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	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
L5	Loadout	PM PM ₁₀ 1.45	4.30	
L6	Loadout	PM PM ₁₀ 1.45	4.30	
L7	Loadout	PM PM ₁₀ 1.45	4.30	
L8	Loadout	PM PM ₁₀ 1.45	4.30	
LA	Loadout	PM PM ₁₀ 1.45	4.30	
LB	Loadout	PM PM ₁₀ 1.45	4.30	
LC	Loadout	PM PM ₁₀ 1.45	4.30	
LD	Loadout	PM PM ₁₀ 1.45	4.30	
LWC	Whole Corn Loadout	PM PM ₁₀ 0.73	2.15	
	Total Loadout Operations (L1, L2, L3, L4, L5, L6, L7 L8, LA, LB, LC, LD, and LWC)	PM PM ₁₀		3.01 1.02
FFREC-FUG	Finished Feed Receiving Pit Fugitives	PM PM ₁₀	0.50 0.08	0.11 0.02

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			lb/hr	TPY
FFMIX-FUG	Finished Feed Mixing	PM	0.05	0.01
	Fugitives	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	
		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		

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			lb/hr	TPY
LT4	Loadout Tank 4	PM PM ₁₀ 0.20	0.60	
LT5	Loadout Tank 5	PM PM ₁₀ 0.20	0.60	
LT6	Loadout Tank 6	PM PM ₁₀ 0.20	0.60	
	Total Loadout Operations (LT1, LT2, LT3, LT4, LT5, and LT6)	PM PM ₁₀		1.34 0.45
BC-REC	Big Commodity Storage Building Receiving	PM PM ₁₀	2.81 0.41	0.44 0.07
BC-MIX	Big Commodity Handling and Mixing	PM PM ₁₀	0.31 0.05	0.44 0.07
BC-L-FUG	Big Commodity Storage Building Loadout Fugitives	PM PM ₁₀	0.47 0.16	
BC-LB-FUG	Big Commodity Storage Building Loadout B Fugitives	PM PM ₁₀	0.26 0.09	
	Total Commodity Building Loadout Operations Fugitives (BC-L-FUG and BC-LB-FUG)	PM PM ₁₀		0.22 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	PM ₁₀	0.13	0.08

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Processing/Bagging Bagfilter

- (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 - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
- * Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.

Dated June 15, 2004