

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3564

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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY*
R1	Rail Receiving Pit	PM	1.70	
		PM ₁₀	0.25	
R2	Truck Receiving Pit No. 1	PM	1.70	
		PM ₁₀	0.25	
R3	Truck Receiving Pit No. 2	PM	0.85	
		PM ₁₀	0.13	
R4	Truck Receiving Pit No. 3	PM	1.28	
		PM ₁₀	0.19	
	Total Receiving Operations	PM		2.04
		PM ₁₀		0.30
FI-1	R2 Truck Receiving Bag Filter	PM ₁₀	1.29	5.65
FI-2	Truck Pneumatic Receiving Bag Filter	PM ₁₀	0.12	0.53
C-5	Mill Crimper No. 1	PM	0.17	
		PM ₁₀	0.09	
C-5	Mill Crimper No. 2	PM	0.17	
		PM ₁₀	0.09	
C-6	Mill Chopper/ Grinder Cyclone	PM	1.21	
		PM ₁₀	0.61	
	Total Milling Operations	PM		3.18
		PM ₁₀		1.59

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY*
C-3	700 Pellet Mill Cooler Cyclones	PM	3.00	
		PM ₁₀	1.50	
C-3	Sprout Pellet Mill Cooler Cyclones	PM	3.00	
		PM ₁₀	1.50	
C-4	900 Pellet Mill Cooler	PM	4.50	
		PM ₁₀	2.25	
	Total Pellet Mill Operations	PM		12.75
		PM ₁₀		6.38
C-7	Grain Cleaner Cyclone	PM	1.50	9.00
		PM ₁₀	0.38	2.25
Case 1	Boiler No. 1	PM ₁₀	0.05	
		VOC	0.04	
		NO _x	0.66	
		CO	0.55	
		SO ₂	<0.01	
	Boiler No. 2 (Backup Boiler)	PM ₁₀	0.05	
		VOC	0.04	
		NO _x	0.66	
		CO	0.55	
		SO ₂	<0.01	
Case 2 (Backup Fuel)	Boiler No. 1	PM ₁₀	0.20	
		VOC	0.05	
		NO _x	2.35	
		CO	0.49	
		SO ₂	4.62	
	Boiler No. 2 (Backup Boiler)	PM ₁₀	0.20	
		VOC	0.05	
		NO _x	2.35	
		CO	0.49	
		SO ₂	4.62	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY*
	Total Boiler Operations Including Backup Fuel	PM ₁₀ VOC NO _x CO SO ₂		0.22 0.13 2.85 1.86 1.67
LR1	Rail Loadout	PM PM ₁₀	0.17 0.04	
LR2	Rail Loadout	PM PM ₁₀	0.17 0.04	
LT1	Truck Loadout	PM PM ₁₀	0.17 0.04	
LT2	Truck Loadout	PM PM ₁₀	0.17 0.04	
LT3	Truck Loadout	PM PM ₁₀	0.17 0.04	
LT4	Truck Loadout	PM PM ₁₀	0.17 0.04	
LT5	Truck Loadout	PM PM ₁₀	0.17 0.04	
LB1	Bagging Station	PM PM ₁₀	0.07 0.02	
LB2	Bagging Station	PM PM ₁₀	0.07 0.02	
LB3	Bagging Station	PM	0.03	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY*
		PM ₁₀	0.01	
LBU1	Bulk Loadout	PM	0.17	
		PM ₁₀	0.04	
LBU2	Bulk Loadout	PM	0.17	
		PM ₁₀	0.04	
LBU3	Bulk Loadout	PM	0.17	
		PM ₁₀	0.04	
LBU4	Bulk Loadout	PM	0.17	
		PM ₁₀	0.04	
LBU5	Bulk Loadout	PM	0.17	
		PM ₁₀	0.04	
LBU6	Bulk Loadout	PM	0.17	
		PM ₁₀	0.04	
	Portable Auger (Backup Loadout)	PM	0.13	
		PM ₁₀	0.03	
	Total Loadout	PM		0.40
	Operations	PM ₁₀		0.10

(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 - 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.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO_x - total oxides of nitrogen

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

CO - carbon monoxide
SO₂ - sulfur dioxide

* Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.

Dated _____