

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

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

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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)	<u>Emission Rates</u>	
			lb/hr	TPY
R1	Rail Receiving Pit	PM	1.70	
		PM <sub>10</sub>	0.25	
R2	Truck Receiving Pit No. 1	PM	1.70	
		PM <sub>10</sub>	0.25	
R3	Truck Receiving Pit No. 2	PM	0.85	
		PM <sub>10</sub>	0.13	
R4	Truck Receiving Pit No. 3	PM	1.28	
		PM <sub>10</sub>	0.19	
	Total Receiving Operations	PM		2.04
		PM <sub>10</sub>		0.30
FI-1	R2 Truck Receiving Bag Filter	PM <sub>10</sub>	1.29	5.65
FI-2	Truck Pneumatic	PM <sub>10</sub>	0.12	0.53

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
	Receiving Bag Filter			
C-3	700 Pellet Mill	PM	3.00	
	Cooler Cyclones	PM <sub>10</sub>	1.50	
C-4	900 Pellet Mill	PM	4.50	
	Cooler Cyclones	PM <sub>10</sub>	2.25	
C-8	Landers Pellet Mill	PM	3.00	
	Cooler Cyclones	PM <sub>10</sub>	1.50	
	Total Pellet Mill Operations	PM		12.75
		PM <sub>10</sub>		6.38
C-5	Mill Crimper No. 1	PM	0.17	
		PM <sub>10</sub>	0.09	
C-5	Mill Crimper No. 2	PM	0.17	
		PM <sub>10</sub>	0.09	
C-6	Mill Chopper/ Grinder Cyclone	PM	1.21	
		PM <sub>10</sub>	0.61	
	Total Milling Operations	PM		3.18
		PM <sub>10</sub>		1.59
C-7	Grain Cleaner Cyclone	PM	1.50	9.00
		PM <sub>10</sub>	0.38	2.25
Case 1	Boiler No. 1	PM <sub>10</sub>	0.05	
		VOC	0.04	
		NO <sub>x</sub>	0.66	
		CO	0.55	
		SO <sub>2</sub>	<0.01	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
Case 2 (Backup Fuel)	Boiler No. 2 (Backup Boiler)	PM <sub>10</sub>	0.05	
		VOC	0.04	
		NO <sub>x</sub>	0.66	
		CO	0.55	
		SO <sub>2</sub>	<0.01	
	Boiler No. 1	PM <sub>10</sub>	0.20	
		VOC	0.05	
		NO <sub>x</sub>	2.35	
		CO	0.49	
		SO <sub>2</sub>	4.62	
	Boiler No. 2 (Backup Boiler)	PM <sub>10</sub>	0.20	
		VOC	0.05	
		NO <sub>x</sub>	2.35	
		CO	0.49	
		SO <sub>2</sub>	4.62	
	Total Boiler Operations Including Backup Fuel	PM <sub>10</sub>		0.22
		VOC		0.13
		NO <sub>x</sub>		2.85
		CO		1.86
		SO <sub>2</sub>		1.67
LR1	Rail Loadout	PM	0.17	
		PM <sub>10</sub>	0.04	
LR2	Rail Loadout	PM	0.17	
		PM <sub>10</sub>	0.04	
LT1	Truck Loadout	PM	0.17	
		PM <sub>10</sub>	0.04	
LT2	Truck Loadout	PM	0.17	
		PM <sub>10</sub>	0.04	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
LT3	Truck Loadout	PM	0.17	
		PM <sub>10</sub>	0.04	
LT4	Truck Loadout	PM	0.17	
		PM <sub>10</sub>	0.04	
LT5	Truck Loadout	PM	0.17	
		PM <sub>10</sub>	0.04	
LB1	Bagging Station	PM	0.07	
		PM <sub>10</sub>	0.02	
LB2	Bagging Station	PM	0.07	
		PM <sub>10</sub>	0.02	
LB3	Bagging Station	PM	0.03	
		PM <sub>10</sub>	0.01	
LBU1	Bulk Loadout	PM	0.17	
		PM <sub>10</sub>	0.04	
LBU2	Bulk Loadout	PM	0.17	
		PM <sub>10</sub>	0.04	
LBU3	Bulk Loadout	PM	0.17	
		PM <sub>10</sub>	0.04	
LBU4	Bulk Loadout	PM	0.17	
		PM <sub>10</sub>	0.04	
LBU5	Bulk Loadout	PM	0.17	
		PM <sub>10</sub>	0.04	

LBU6	Bulk Loadout	PM	0.17	
		PM <sub>10</sub>	0.04	
	Portable Auger (Backup Loadout)	PM	0.13	
		PM <sub>10</sub>	0.03	
	Total Loadout Operations	PM		0.40
		PM <sub>10</sub>		0.10

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#### EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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 PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide

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

Dated January 24, 2005