

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73194

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
TR1	Truck Receiving Pit No. 1 (Fugitives)	PM	0.13	-
		PM <sub>10</sub>	0.02	-
TR2	Truck Receiving Pit No. 2	PM	0.12	-
		PM <sub>10</sub>	0.02	-
	Total Receiving Operations	PM	-	0.21
		PM <sub>10</sub>	-	0.03
BH1	Truck Receiving Pit No. 1 Baghouse	PM/PM <sub>10</sub>	2.34	6.67
D1	Pecos Dryer	PM	5.96	4.30
		PM <sub>10</sub>	1.51	1.09
		VOC	0.01	0.02
		NO <sub>x</sub> 0.25	0.25	
		CO	0.21	0.21
		SO <sub>2</sub> <0.01	<0.01	
TLO1	Chaff Truck Loadout	PM	0.62	0.05
		PM <sub>10</sub>	0.21	0.02
C1, C2, C3, C4 C5, C6, C7, and C8	Main Elevator and Cleaners Cyclones	PM	5.38	0.14
		PM <sub>10</sub>	1.36	0.04
D2	Main Elevator Dryer No. 2	PM	5.37	-
		PM <sub>10</sub>	1.36	-
		VOC	0.01	-
		NO <sub>x</sub> 0.25	-	
		CO	0.21	-
		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
D3	Main Elevator Dryer No. 3	PM	5.37	-
		PM <sub>10</sub>	1.36	-
		VOC	0.01	-
		NO <sub>x</sub> 0.25	-	-
		CO	0.21	-
		SO <sub>2</sub> <0.01	-	-
D4	Main Elevator Dryer No. 4	PM	5.37	-
		PM <sub>10</sub>	1.36	-
		VOC	0.01	-
		NO <sub>x</sub> 0.25	-	-
		CO	0.21	-
		SO <sub>2</sub> <0.01	-	-
D5	Main Elevator Dryer No. 5	PM	5.37	-
		PM <sub>10</sub>	1.36	-
		VOC	0.01	-
		NO <sub>x</sub> 0.25	-	-
		CO	0.21	-
		SO <sub>2</sub> <0.01	-	-
D6	Main Elevator Dryer No. 6	PM	5.37	-
		PM <sub>10</sub>	1.36	-
		VOC	0.01	-
		NO <sub>x</sub> 0.25	-	-
		CO	0.21	-
		SO <sub>2</sub> <0.01	-	-
	Total Main Elevator Drying Operations	PM	-	15.21
		PM <sub>10</sub>	-	3.85
		VOC	-	0.04
		NO <sub>x</sub> -	0.75	-
		CO	-	0.63
		SO <sub>2</sub> -	0.01	-
C9, C10, C11, C12, C13, C14, C15,	Milling Operation Cyclones	PM	1.68	6.15
		PM <sub>10</sub>	0.84	3.08

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
and C16				
BH2	Mill Polishing Operations Baghouse	PM/PM <sub>10</sub>	1.84	6.76
BLO1	Mill Bagging System	PM	4.30	-
		PM <sub>10</sub>	1.45	-
TLO2	Mill Truck Loadout	PM	4.30	-
		PM <sub>10</sub>	1.45	-
RLO1	Mill Rail Loadout	PM	4.30	-
		PM <sub>10</sub>	1.45	-
HLO1	Hull Truck Loadout No. 1	PM	0.41	-
		PM <sub>10</sub>	0.14	-
BLO1	Bran Truck Loadout No. 1	PM	0.86	-
		PM <sub>10</sub>	0.29	-
	Total Mill Loadout Operations	PM	-	10.55
		PM <sub>10</sub>	-	3.56

- (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

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- \* Refer to Special Condition No. 4 for throughput limitations and basis of emission rates.

Dated June 3, 2005