

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3509A

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
PIT-1	Receiving Pit No. 1	PM	4.25	
		PM <sub>10</sub>	0.63	
PIT-2	Receiving Pit No. 2	PM	4.59	
		PM <sub>10</sub>	0.68	
PIT-3	Receiving Pit No. 3	PM	4.25	
		PM <sub>10</sub>	0.63	
RR-1	Rail Receiving	PM	15.30	
		PM <sub>10</sub> 2.25		
	Total Receiving Operations	PM		6.16
		PM <sub>10</sub>		0.91
D1-1	Complex 1-Dryer 1	PM	1.88	
		PM <sub>10</sub>	0.50	
		VOC	0.05	
		NO <sub>x</sub>	2.24	
		CO	0.56	
		SO <sub>2</sub>	0.01	
D1-2	Complex 1-Dryer 2	PM	1.88	
		PM <sub>10</sub>	0.50	
		VOC	0.05	
		NO <sub>x</sub>	2.24	
		CO	0.56	
		SO <sub>2</sub>	0.01	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
D2-1	Complex 2-Dryer 1	PM	1.88	
		PM <sub>10</sub>	0.50	
		VOC	0.05	
		NO <sub>x</sub>	2.24	
		CO	0.56	
		SO <sub>2</sub>	0.01	
D2-2	Complex 2-Dryer 2	PM	1.88	
		PM <sub>10</sub>	0.50	
		VOC	0.05	
		NO <sub>x</sub>	2.24	
		CO	0.56	
		SO <sub>2</sub>	0.01	
D3-1	Complex 3-Dryer 1	PM	25.23	
		PM <sub>10</sub>	6.33	
		VOC	0.11	
		NO <sub>x</sub>	5.46	
		CO	1.37	
		SO <sub>2</sub>	0.02	
D3-2	Complex 3-Dryer 2	PM	25.23	
		PM <sub>10</sub>	6.33	
		VOC	0.11	
		NO <sub>x</sub>	5.46	
		CO	1.37	
		SO <sub>2</sub>	0.02	
	Total Drying Operations	PM		15.20
		PM <sub>10</sub>		3.89
		VOC		1.76
		NO <sub>x</sub>		87.06
		CO		21.76
		SO <sub>2</sub>		0.36
CY-5	Main Tunnel Conveying	PM	11.14	3.89

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
		PM <sub>10</sub>	2.70	0.94
SHIP-1	Shipping Area No. 1 (Product Bagging)	PM	0.26	
		PM <sub>10</sub>	0.06	
SHIP-2	Shipping Area No. 2 (Wheat Cracks)	PM	0.37	
		PM <sub>10</sub>	0.10	
SHIP-3	Shipping Area No. 3 (Corn Cracks)	PM	0.93	
		PM <sub>10</sub>	0.25	
TS-1	Truck Loadout	PM	6.45	
		PM <sub>10</sub>	2.18	
	Total Loadout Operations	PM		6.24
		PM <sub>10</sub>		2.10
BAG-A	Bag Filter System A	PM	1.67	7.31
		PM <sub>10</sub>		

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. 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 August 21, 2007