

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73424

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
RP-1-1	Truck Receiving Pit No. 1	PM	3.40	-
		PM ₁₀	0.50	-
RP-2-1	Truck Receiving Pit No. 2	PM	3.40	-
		PM ₁₀	0.50	-
RP-3-1	Truck Receiving Pit No. 3	PM	3.40	-
		PM ₁₀	0.50	-
	Total Truck Receiving Operations	PM	-	5.95
		PM ₁₀	-	0.88
RP-4-1	Railcar Receiving Pit	PM	4.08	1.55
		PM ₁₀	0.60	0.23
DC-4	Railcar Receiving Pit Transfer Baghouse	PM/PM ₁₀	1.41	6.18
DC-1	Grain Transfer Headhouses Nos. 1 and 3 Baghouse	PM/PM ₁₀	0.34	1.50
DC-2	Headhouse No. 1 Top Belt Baghouse	PM/PM ₁₀	0.43	1.87
DC-3	Headhouse No. 3 Top Belt Cartridge Filter	PM/PM ₁₀	0.09	0.38
C-1-1	Headhouse No. 1 Grain Handling and Storage Cyclone	PM/PM ₁₀	2.31	10.14

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
C-1-2	Headhouse No. 1 Grain Handling and Storage Cyclone	PM/PM ₁₀	2.31	10.14
C-2-1	Headhouse No. 2 Grain Handling and Storage Cyclone	PM/PM ₁₀	3.86	16.89
C-3-1	Headhouse No. 3 Grain Handling and Storage Cyclone	PM/PM ₁₀	3.60	15.77
D-1	Dryer No. 1	PM	19.80	-
		PM ₁₀	4.95	-
		SO ₂	<0.01	-
		NO _x	2.19	-
		CO	1.84	-
		VOC	0.12	-
D-2	Dryer No. 2	PM	19.80	-
		PM ₁₀	4.95	-
		SO ₂	<0.01	-
		NO _x	2.19	-
		CO	1.84	-
		VOC	0.12	-
	Total Drying Operations	PM	-	7.13
		PM ₁₀	-	1.78
		SO ₂	-	<0.01
		NO _x	-	0.79
		CO	-	0.66
		VOC	-	0.04
L-1-1	Headhouse No. 1 Truck Loadout 1	PM	1.29	-
		PM ₁₀	0.44	-
L-1-2	Headhouse No. 1 Truck Loadout 2	PM	1.29	-
		PM ₁₀	0.44	-
L-1-3	Headhouse No. 1 Truck Loadout 3	PM	1.29	-
		PM ₁₀	0.44	-

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			lb/hr	TPY
L-1-4	Headhouse No. 1 Truck Loadout 4	PM	1.29	-
		PM ₁₀	0.44	-
L-1-5	Headhouse No. 1 Truck Loadout 5	PM	1.29	-
		PM ₁₀	0.44	-
L-1-6	Headhouse No. 1 Railcar Loadout 6	PM	2.41	-
		PM ₁₀	0.81	-
L-2-1	Headhouse No. 2 Truck Loadout 1	PM	1.29	-
		PM ₁₀	0.44	-
L-3-1	Headhouse No. 3 Truck Loadout 1	PM	5.16	-
		PM ₁₀	1.74	-
L-3-2	Headhouse No. 3 Truck Loadout 2	PM	5.16	-
		PM ₁₀	1.74	-
L-3-3	Headhouse No. 3 Truck Loadout 3	PM	5.16	-
		PM ₁₀	1.74	-
L-3-4	Headhouse No. 3 Truck Loadout 4	PM	5.16	-
		PM ₁₀	1.74	-
L-3-5	Headhouse No. 3 Truck Loadout 5	PM	5.16	-
		PM ₁₀	1.74	-
L-3-6	Headhouse No. 3 Truck Loadout 6	PM	5.16	-
		PM ₁₀	1.74	-
L-3-7	Headhouse No. 3 Railcar Loadout 7	PM	5.16	-
		PM ₁₀	1.74	-
L-3-8	Headhouse No. 3 Railcar Loadout 8	PM	5.16	-

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			lb/hr	TPY
		PM ₁₀	1.74	-
L-3-9	Headhouse No. 3 Railcar Loadout 9	PM	5.16	-
		PM ₁₀	1.74	-
L-3-10	Headhouse No. 3 Railcar Loadout 10	PM	5.16	-
		PM ₁₀	1.74	-
L-3-11	Headhouse No. 3 Railcar Loadout 11	PM	5.16	-
		PM ₁₀	1.74	-
L-3-12	Headhouse No. 3 Railcar Loadout 12	PM	5.16	-
		PM ₁₀	1.74	-
	Total Loadout Operations	PM	-	10.84
		PM ₁₀	-	3.64
B-1	Flaker Boiler/Dryer No. 1	PM/PM ₁₀	0.10	0.45
		SO ₂	0.01	0.04
		NO _x	1.19	5.22
		CO	1.13	4.93
		VOC	0.07	0.32
B-2	Flaker Boiler/Dryer No. 2	PM/PM ₁₀	0.10	0.45
		SO ₂	0.01	0.04
		NO _x	1.19	5.22
		CO	1.13	4.93
		VOC	0.07	0.32
C-F-1	Flaker Dryer/Cooler No. 1 Cyclone	PM/PM ₁₀	3.09	13.52
C-F-2	Flaker Dryer/Cooler No. 2 Cyclone	PM/PM ₁₀	3.09	13.52
D-F-1	Flaker Dump No. 1 to Bunker	PM	0.11	0.47
		PM ₁₀	0.03	0.16

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
D-F-2	Flaker Dump No. 2 to Bunker	PM	0.11	0.47
		PM ₁₀	0.03	0.16
L-F-1	Flaked Material Loadout	PM	0.43	1.88
		PM ₁₀	0.15	0.64

- (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 PM greater than 10 microns is emitted.
- SO₂ - sulfur dioxide
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1

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

Dated October 3, 2006