EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3168

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
Receiving Facility					
RP-1	Receiving Pit No. 1		PM	37.13	—
		PM_{10}	5.46	—	
RP-2	Receiving Pit No. 2		PM	37.13	—
		PM_{10}	5.46	—	
RP-3	Receiving Pit No. 3		PM	37.13	—
		PM_{10}	5.46	—	
RP-5	Receiving Pit No. 5		PM	37.13	—
		PM_{10}	5.46	—	
	Total Receiving Operations		PM	—	1.90
		PM_{10}	—	0.28	
C-1	Cyclone Dust Collector 1 (Scalperator [D2/SC-2] and Elevator Leg [D2/E-1])		PM	16.38	—
			PM_{10}	4.15	—
C-2	Cyclone Dust Collector 2 (Scalperator [D1/SC-1])		PM	16.38	—
			PM_{10}	4.15	—
C-5	Cyclone Dust Collector 5 (Scalperator [D2/SC-2])		PM	16.38	—
			PM_{10}	4.15	—
C-11	Cyclone Dust Collector 11 (Scalperator [D3/SC-2])		PM	16.38	—
			PM_{10}	4.15	—
C-12	Cyclone Dust Collector 12 (Scalperator [D3/SC-3] and Elevator Legs [D3/E-1, D3/E-2])		PM	16.38	—
			PM_{10}	4.15	—

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	Emission Rates * TPY
C-13	Cyclone Dust Collector 13 (Receiving Pit No. 3)	PM	16.38	—
		PM_{10}	4.15	—
C-14	Cyclone Dust Collector 14 (Elevator Legs [D3/E-4, D3/E-5, D3/E-6] and Reversible Belt Conveyor [D3/RB-5])	PM	16.38	—
		PM_{10}	4.15	—
C-17	Cyclone Dust Collector 17 (Scalperator [D5/SC-5] and Elevator Leg [D5/E-1])	PM	16.38	—
		PM_{10}	4.15	—
C-18	Cyclone Dust Collector 18 (Elevator Legs [D5/E-2, D5/E-3 and Dryer No. 5)	PM	16.38	—
		PM_{10}	4.15	—
C-19	Cyclone Dust Collector 19 (Scalperator [D5/SC-5])	PM	16.38	—
		PM_{10}	4.15	—
C-20	Cyclone Dust Collector 20 (Elevator Legs [D5/E-1, D5/E-2, D5/E-3], Tripper Belt Conveyor [D5/TB-1], Bin 13,Bin 1, Belt Conveyors [D5/B-1, D5/B-2])	PM	16.38	—
		PM_{10}	4.15	—
	Total Cyclone Dust Collection Operations	PM	—	0.84
		PM_{10}	—	0.21
D-1	Dryer No. 1 (4 MMBtu/hr)	PM	1.65	0.17
		PM_{10}	0.41	0.04
		SO_2	<0.01	<0.01
		NO_x	0.40	0.04
		CO	0.34	0.03
		VOC	0.02	<0.01
D-2	Dryer No. 2 (5 MM Btu/hr)	PM	2.20	0.88
		PM_{10}	0.55	0.22
		SO_2	<0.01	<0.01
		NO_x	0.50	0.20
		CO	0.42	0.17
		VOC	0.03	0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
D-3	Dryer No. 3 (4 MM Btu/hr)	PM	1.98	0.89
		PM_{10}	0.50	0.23
		SO_2	<0.01	<0.01
		NO_x	0.40	0.18
		CO	0.34	0.15
		VOC	0.02	0.01
D-4	Box Dryer No. 4 (1 MM Btu/hr)	PM	1.65	0.15
		PM_{10}	0.41	0.04
		SO_2	<0.01	<0.01
		NO_x	0.10	0.01
		CO	0.08	0.01
		VOC	0.01	<0.01
D-7	Dryer No. 7 (4 MM Btu/hr)	PM	1.65	0.37
		PM_{10}	0.41	0.10
		SO_2	<0.01	<0.01
		NO_x	0.40	0.09
		CO	0.34	0.07
		VOC	0.02	<0.01
BL-1	Bulk Loadout Spout No. 1	PM	9.39	—
		PM_{10}	3.16	—
BL-2	Bulk Loadout Spout No. 2	PM	9.39	—
		PM_{10}	3.16	—
	Total Bulk Loadout Operations	PM	—	0.12
		PM_{10}	—	0.04
Conditioning Line				
BX-1	Line 1 Box Dump Pit	PM	0.60	—
		PM_{10}	0.09	—

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
BX-2	Line 2 Box Dump Pit	PM	0.60	—
		PM_{10}	0.09	—
	Total Dump Pit Operations	PM	—	0.25
		PM_{10}	—	0.04
C-3	Line 1 Seed Aspirator Cyclone (L1/—4)	PM	2.63	0.37
		PM_{10}	0.67	0.09
C-4	Line 1 Seed Cleaner Cyclone (L1/—3)	PM	2.63	0.37
		PM_{10}	0.67	0.09
C-6	Line 2 Seed Aspirator Cyclone (L2/—4)	PM	2.63	0.74
		PM_{10}	0.67	0.19
BH-1	Seed Blending and Bagging Bagfilter (Blender [L1/—1] and Baggers [L1/—6, L2/—6])	PM/PM_{10}	0.56	0.18
BH-2	Seed Treatment Bagfilter (Line 1 Treater Surge Bin, Seed Treaters [L1/—5, L2/—5], Belt Conveyor [L2/B-4], Line 2 Treater Surge Bin)	PM/PM_{10}	0.64	0.26
BH-3	Line 2 Seed Cleaning/Aspirator Bagfilter (L2 Box Dump, Elevator Legs [L2/E-1, L2/E-2, L2/E-3, L2/E-4, L2/E-5, L2/E-6], Blending Bins, Belt Conveyors [L2/B-6, L2/B-7], L2 Cleaner Surge Bin, L2 Holding Bin #2, L2 Camas Surge Bin, L2 Cleaner [L2/—3], L2 Aspirator Surge Bin)	PM/PM_{10}	1.54	0.62
BH-4	Line 2 Seed Cleaner Bagfilter (L2/—2)	PM/PM_{10}	0.99	0.26

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
DIS-1	Discard Bin No.1	PM	0.01	0.05
		PM_{10} <0.01	0.02	
DIS-2	Discard Bin No. 2	PM	0.01	0.08
		PM_{10} <0.01	0.03	
Conditioning Rework Line				
BH-6	Rework Line Bagfilter No. 1 (Power Roller [RB/—1], Bag Splitter [RB/—2], Elevator Legs [RB/E-1, RB/E-2, RB/E-3], RB Bagging Bin, and Bagger [RB/—4])	PM/PM_{10}	0.71	0.71
BH-7	Rework Line Bagfilter No. 2 (Aspirator [RB/—3])	PM/PM_{10}	0.90	0.90
DIS	Discard Bin	PM/PM_{10}	<0.01	<0.01

(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 an area name or fugitive source name.
(3) PM - particulate matter, suspended in the atmosphere, including PM_{10}.
PM_{10} - particulate matter equal to or less than 10 microns in diameter.
SO_2 - 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. 4 for throughput limitations and basis of emission rates.

Dated August 29, 2006