

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, sources, and related activities. 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 (4)	
			lbs/hour	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-12	Cyclone Dust Collector 12 (Scalperator [D3/SC-3] and Elevator Legs	PM	16.38	--
		PM ₁₀	4.15	--

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	[D3/E-1, D3/E-2])			
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C-13	Cyclone Dust Collector 13 (Receiving Pit No. 3)	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	--
C-31A	Cyclone Dust Collector 31A (Scalperator [D3/SC-3])	PM	16.38	--
		PM ₁₀	4.15	--
C-31B	Cyclone Dust Collector 31B (Elevator Legs [D3/E-4, D3/E-5, and D3/E6]) Reversible Belt Conveyor [D3/RB-5], and Fan F-12)	PM	16.38	--
		PM ₁₀	4.15	--
	Total Cyclone Dust Collection Operations (EPNs C-1, C-2, C-5, C-12, C-13, C-17, C-18, C-19, C-20, C-31A, and C-31B)	PM	--	0.84
		PM ₁₀	--	0.21
D-1	Dryer No. 1 (4MMBtu/hr)	PM	1.65	0.17

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		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
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
D-4	Box Dryer No. 4	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

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		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	PM	--	0.12
		PM ₁₀	--	0.04
BX-1	Line 1 Box Dump Pit	PM	0.60	--
		PM ₁₀	0.09	--
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 2 Seed Aspirator Cyclone (L2/—4)	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 Baghouse (Blender [L1/—1] and Baggers [L1/—6, L2/—6])	PM	0.56	0.18
		PM ₁₀	0.56	0.18
BH-2	Seed Treatment	PM	0.64	0.26

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		PM ₁₀	0.64	0.26
BH-3	Line 2 Seed Cleaning/Aspirator Baghouse (L2 Box Dump, Elevator Legs [L2/E-1,L2/E-2, L2/E-3, L2/E-4, L2/E-5, and L2/E-6], Blending Bins, Belt Conveyors L2/B-6, L2/B-7], L2 Cleaner Surge Bin, L2 Holding Bin No. 2, L2 Camas Surge Bin, L2 Cleaner [L2/—3], L2 Aspirator Surge Bin)	PM	1.54	0.62
		PM ₁₀	1.54	0.62
BH-4	Line 2 Seed Cleaner Baghouse (L2/—2)	PM	0.99	0.26
		PM ₁₀	0.99	0.26
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 Baghouse No. 1 (Power Roller [RB/—1], Bag Splitter [RB/—2], Elevator Legs [RB/E-1, RB/E-2, and RB/E-3], RB Bagging Bin, and Bagger [RB/—4])	PM	0.71	0.71
		PM ₁₀	0.71	0.71
BH-7	Rework Line Baghouse No. 2 (Aspirator [RB/—3])	PM	0.90	0.90
		PM ₁₀	0.90	0.90
DIS	Discard Bin	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01

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- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
CO - carbon monoxide
 - (4) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- * Refer to Special Condition No. 4 for throughput limitations and basis of emission rates.

Date: April 1, 2013