EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 870

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	Emission Rates TPY
1A	Offloading Pit No. 1	PM	1.53	--
		PM_{10}	0.23	--
1B	Offloading Pit No. 2	PM	1.53	--
		PM_{10}	0.23	--
1C	Offloading Pit No. 3	PM	1.53	--
		PM_{10}	0.23	--
1D	Offloading Tunnel Pit No. 4	PM	1.53	--
		PM_{10}	0.23	--
	Total Seed Offloading	PM	--	0.61
		PM_{10}	--	0.09
BIN-65	Bulk Bin Dryer No. 65	PM	1.77	--
		PM_{10}	0.45	--
		VOC	0.01	--
		NO_x	0.12	--
		CO	0.10	--
		SO_2	<0.01	--
BIN-66	Bulk Bin Dryer No. 66	PM	1.77	--
		PM_{10}	0.45	--
		VOC	0.01	--
		NO_x	0.12	--
		CO	0.10	--
		SO_2	<0.01	--

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BIN-67	Bulk Bin Dryer No. 67	PM	1.77	--
		PM_{10}	0.45	--
		VOC	0.01	--
		NO_x	0.12	--
		CO	0.10	--
		SO_2	<0.01	--
BIN-68	Bulk Bin Dryer No. 68	PM	1.77	--
		PM_{10}	0.45	--
		VOC	0.01	--
		NO_x	0.12	--
		CO	0.10	--
		SO_2	<0.01	--
BIN-69	Bulk Bin Dryer No. 69	PM	1.77	--
		PM_{10}	0.45	--
		VOC	0.01	--
		NO_x	0.12	--
		CO	0.10	--
		SO_2	<0.01	--
BIN-70	Bulk Bin Dryer No. 70	PM	1.77	--
		PM_{10}	0.45	--
		VOC	0.01	--
		NO_x	0.12	--
		CO	0.10	--
		SO_2	<0.01	--
BIN-71	Bulk Bin Dryer No. 71	PM	1.77	--
		PM_{10}	0.45	--
		VOC	0.01	--
		NO_x	0.12	--
		CO	0.10	--
		SO_2	<0.01	--
BIN-72	Bulk Bin Dryer No. 72	PM	1.77	--
		PM_{10}	0.45	--
		VOC	0.01	--
		NO_x	0.12	--
		CO	0.10	--

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

		SO_2	<0.01	--
BIN-73	Bulk Bin Dryer No. 73	PM	1.77	--
		PM_{10}	0.45	--
		VOC	0.01	--
		NO_x	0.12	--
		CO	0.10	--
		SO_2	<0.01	--
BIN-74	Bulk Bin Dryer No. 74	PM	1.77	--
		PM_{10}	0.45	--
		VOC	0.01	--
		NO_x	0.12	--
		CO	0.10	--
		SO_2	<0.01	--
	Total Bulk Bin Drying Operations	PM	--	2.99
		PM_{10}	--	0.76
		VOC	--	0.01
		NO_x	--	0.20
		CO	--	0.17
		SO_2	--	<0.01
CYC-1	North Scalper Cyclone	PM/PM_{10}	1.54	1.54
CYC-2	Middle Scalper Cyclone	PM/PM_{10}	1.54	1.08
CYC-3	South Scalper Cyclone	PM/PM_{10}	1.54	1.54
DRY-4	North Dryer	PM	2.51	0.45
		PM_{10}	0.66	0.12
		VOC	0.03	0.01
		NO_x	0.59	0.11
		CO	0.49	0.09
		SO_2	<0.01	<0.01
DRY-5	Middle Dryer	PM	1.12	0.23
		PM_{10}	0.29	0.06
		VOC	0.01	<0.01
		NO_x	0.20	0.04

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		CO	0.17	0.03
		SO_2	<0.01	<0.01
DRY-6	South Dryer	PM	2.51	0.45
		PM_{10}	0.66	0.12
		VOC	0.03	0.01
		NO_x	0.59	0.11
		CO	0.49	0.09
		SO_2	<0.01	<0.01
BAG-WF	Tunnel White Dust Baghouse Stack	PM/PM_{10}	0.31	0.31
BAG-WD	Cleaner/Gravity Table No. 1/Gravity Table No. 2 Baghouse Stack	PM/PM_{10}	3.55	7.10
BAG-RD	Aspirator/Treater/Bagger Baghouse Stack	PM/PM_{10}	0.47	0.94
		VOC	53.25	5.75
		HAPs (4)	9.22	2.94
BAG-RB	Re-Bagger Baghouse Stack	PM/PM_{10}	0.34	0.68
BAG-SM	Small Lots Grain Cleaner Baghouse Stack	PM/PM_{10}	0.31	0.02
TNK-7	Storage Tanks [60-gallon (14), 15-gallon (3), and 100-gallon (1)]	VOC	<0.01	<0.01
		HAPs (4)	<0.01	<0.01
DRY-F1	Peanut Wagon Dryer No. 1 (Foundation Area)	PM	1.09	0.55
		PM_{10}	0.28	0.15
		VOC	<0.01	<0.01
		NO_x	0.10	0.05
		CO	0.08	0.04
		SO_2	<0.01	<0.01
DRY-F2	Peanut Wagon Dryer No. 2	PM	1.09	0.55
		PM_{10}	0.28	0.15

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	(Foundation Area)	VOC	<0.01	<0.01
		NO_x	0.10	0.05
		CO	0.08	0.04
		SO_2	<0.01	<0.01
DRY-F3	Peanut Wagon Dryer	PM	1.09	0.55
	No. 3	PM_{10}	0.28	0.15
	(Foundation Area)	VOC	<0.01	<0.01
		NO_x	0.10	0.05
		CO	0.08	0.04
		SO_2	<0.01	<0.01
DRY-F4	Peanut Wagon Dryer	PM	1.09	0.55
	No. 4	PM_{10}	0.28	0.15
	(Foundation Area)	VOC	<0.01	<0.01
		NO_x	0.10	0.05
		CO	0.08	0.04
		SO_2	<0.01	<0.01
DRY-F5	Caldwell Dryer	PM	1.09	0.55
	(Foundation Area)	PM_{10}	0.28	0.15
		VOC	<0.01	<0.01
		NO_x	0.10	0.05
		CO	0.08	0.04
		SO_2	<0.01	<0.01
FUG-F1	Foundation Receiving	PM	0.10	0.05
	Bin	PM_{10}	0.01	0.01
CYC-F1	Foundation Cleaner Cyclone	PM/ PM_{10}	0.24	0.12
BAG-F2	Foundation East Gravity Table Baghouse Stack	PM/PM_{10}	0.50	0.25
BAG-F3	Foundation West Gravity Table Baghouse Stack	PM/PM_{10}	0.50	0.25

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CYC-F4	Foundation Nuisance Aspirator Cyclone	PM	0.17	0.17
		PM_{10}	0.03	0.03
FAN-F5	Treater Hexdrum Fan	PM/PM_{10}	0.89	0.07
		VOC	8.48	0.17
		HAPs (4)	0.87	0.07
FAN-F6	Foundation Blue Sudan Cleaner Fan	PM	0.03	0.57
		PM_{10}	0.02	0.09
CYC-F6	Foundation Aspirator Cyclone	PM/PM_{10}	0.11	0.06

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(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
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
HAPs - hazardous air pollutants
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO_2 - sulfur dioxide
(4) HAP emissions are included in the total hourly and annual VOC emission rates.

Dated April 8, 2008