EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 5667 and PSD-TX-784M1

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
E-1	Silo No. 1 Baghouse	PM/PM_{10}	0.08	0.35
E-2	Silo No. 2 Baghouse	PM/PM_{10}	0.08	0.35
E-2A	Silo No. 2 Baghouse	PM/PM_{10}	0.14	0.61
E-3	Silo No. 3 Baghouse	PM/PM_{10}	0.08	0.35
E-3A	Silo No. 3 Baghouse	PM/PM_{10}	0.14	0.61
E-4	Silo No. 4 Baghouse	PM/PM_{10}	0.08	0.35
E-5	Silo No. 5 Baghouse	PM/PM_{10}	0.08	0.35
E-6	Silo No. 6 Baghouse	PM/PM_{10}	0.08	0.35
E-7A	Silo No. 7A Baghouse	PM/PM_{10}	0.08	0.35
E-7B	Silo No. 7B Baghouse	PM/PM_{10}	0.08	0.35
E-8	Silo No. 8 Baghouse	PM/PM_{10}	0.08	0.35
E-9	Silo No. 9 Baghouse	PM/PM_{10}	0.08	0.35
E-10	Silo No. 10 Baghouse	PM/PM_{10}	0.05	0.22
E-11	Silo No. 11 Baghouse	PM/PM_{10}	0.05	0.22
E-12	Silo No. 12 Baghouse	PM/PM_{10}	0.08	0.35
E-15	Batch Blender No. 2	PM/PM_{10}	0.11	0.48

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
E-15A	Batch Blender No. 2	PM/PM_{10}	0.11	0.48
E-16	Batch Blender No. 3	PM/PM_{10}	0.16	0.72
E-16A	Batch Blender No. 3	PM/PM_{10}	0.16	0.72
E-17	Scale 5 Baghouse	PM/PM_{10}	0.02	0.08
E-18	BH Vacuum Baghouse	PM/PM_{10}	0.04	0.18
E-19	Scale Hopper Baghouse	PM/PM_{10}	0.09	0.39
E-21A	Furnace No. 1 ESP and Scrubber	PM/PM_{10}	5.63	24.66
		VOC	0.19	0.83
		NO_x	11.81	51.73
		SO_2	7.88	34.51
		CO	2.81	10.00
E-23A	Furnace No. 3 ESP and Scrubber	PM/PM_{10}	5.46	23.91
		SO_2	6.66	29.17
		NO_x	11.46	50.19
		CO	2.73	7.50
		VOC	0.28	1.23
E-24A	Furnace No. 4 ESP and Scrubber	PM/PM_{10}	4.58	20.06
		SO_2	11.14	48.79
		NO_x	9.63	42.18
		CO	2.29	7.50
		VOC	0.22	0.96
E-25	Batch Hold Bin No. 1 Baghouse	PM/PM_{10}	0.16	0.70
E-26	Batch Hold Bin No. 2 Baghouse	PM/PM_{10}	0.16	0.70

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
E-27A	Batch Hold Bin No. 3A Baghouse	PM/PM_{10}	0.25	1.07
E-27B	Batch Hold Bin No. 3B Baghouse	PM/PM_{10}	0.16	0.71
E-28	Batch Hold Bin No. 4 Baghouse	PM/PM_{10}	0.25	1.07
E-30	Cleaning Oven	VOC	0.33	1.40
E-31 A-F	Hot Air Dryer No. 31	PM/PM_{10}	0.71	(10)
		SO_2	<0.01	
		NO_x	0.93	
		CO	2.61	
		VOC	0.03	
		VOC (Size)	(5)	
		Base	(8)	
E-32 A-F	Hot Air Dryer No. 32	PM/PM_{10}	0.71	(10)
		SO_2	<0.01	
		NO_x	0.93	
		CO	2.61	
		VOC	0.03	
		VOC (Size)	(5)	
		Base	(8)	
E-33 A-D	Hot Air Dryer No. 33	PM/PM_{10}	0.71	(10)
		SO_2	<0.01	
		NO_x	0.93	
		CO	5.51	
		VOC	0.03	
		VOC (Size)	(5)	
		Base	(8)	

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
E-34 A-D	Hot Air Dryer No. 34	PM/PM_{10}	0.71	(10)
		SO_2	<0.01	
		NO_x	0.93	
		CO	5.51	
		VOC	0.03	
		VOC (Size)	(5)	
		Base	(8)	
E-35 A-D	Hot Air Dryer No. 35	PM/PM_{10}	0.71	(10)
		SO_2	<0.01	
		NO_x	0.93	
		CO	5.51	
		VOC	0.03	
		VOC (Size)	(5)	
		Base	(8)	
E-36 A-D	Hot Air Dryer No. 36	PM/PM_{10}	0.71	(10)
		SO_2	<0.01	
		NO_x	0.93	
		CO	5.51	
		VOC	0.03	
		VOC (Size)	(5)	
		Base	(8)	
E-38 A-J	Dielectric Oven No. 38	PM/PM_{10}	0.38	1.66
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-39	RTP Dryer No. 15 Baghouse	PM/PM_{10}	0.34	1.51
		SO_2	<0.01	0.01
		NO_x	0.20	0.86
		CO	0.16	0.72
		VOC	0.01	0.05
		VOC (Size)	(5)	(5)
		Base	(8)	(8)

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
E-41 A-E	Mat Line (Dryers and Cleaner)	PM/PM_{10}	1.32	5.78
		VOC	0.02	0.09
		NO_x	0.45	1.97
		SO_2	<0.01	0.01
		CO	0.38	1.66
E-42 A and B	Dielectric Dryer No. 1	PM/PM_{10}	0.11	0.48
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-43 A and B	Dielectric Dryer No. 8	PM/PM_{10}	0.11	0.48
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-45 A-D	Hot Air Dryer No. 45	PM/PM_{10}	0.71	(10)
		SO_2	<0.01	
		NO_x	1.33	
		CO	5.51	
		VOC	0.04	
		VOC (Size)	(5)	
		Base	(8)	
E-52	Boiler No. 2	PM/PM_{10}	0.12	0.27
		VOC	0.07	0.15
		NO_x	3.40	7.45
		SO_2	0.04	0.09
		CO	0.85	1.86
E-61 A-D	Emergency Generator No. 1	PM/PM_{10}	1.21	0.08
		VOC	1.65	0.11
		NO_x	50.77	3.40
		SO_2	5.51	0.37
		CO	12.01	0.80
E-62 A-D	Emergency Generator	PM/PM_{10}	1.21	0.08

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
	No. 2	VOC	1.65	0.11
		NO_x	50.77	3.40
		SO_2	5.51	0.37
		CO	12.01	0.80
E-71	Propane Flare	PM/PM_{10}	0.18	0.02
		VOC	13.28	1.33
		NO_x	3.65	0.37
		SO_2	0.49	0.05
		CO	7.29	0.73
E-72 and E-76	Fuel Fugitives and Diesel Storage Tank (4)	VOC	3.06	13.42
E-75A	Propane Evaporator No. 1	PM/PM_{10}	0.02	<0.01
		VOC	0.01	<0.01
		NO_x	0.29	0.07
		SO_2	<0.01	<0.01
		CO	0.04	0.01
E-75B	Propane Evaporator No. 2	PM/PM_{10}	0.02	<0.01
		VOC	0.01	<0.01
		NO_x	0.31	0.08
		SO_2	<0.01	<0.01
		CO	0.04	0.01
E-75C	Propane Evaporator No. 3	PM/PM_{10}	0.02	<0.01
		VOC	0.01	<0.01
		NO_x	0.31	0.08
		SO_2	<0.01	<0.01
		CO	0.04	0.01
E-75D	Propane Evaporator No. 4	PM/PM_{10}	0.02	<0.01
		VOC	0.01	<0.01
		NO_x	0.31	0.08
		SO_2	<0.01	<0.01
		CO	0.04	0.01
E-81, E-82, E-85A, and E-85B	Forming Line No. 1 and No. 2 Scrubbers	PM/PM_{10}	4.70	20.58
		VOC (Size)	(5)	(5)

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
		Base	(8)	(8)
E-83, E-86A, and B	Forming Line No. 3 Scrubbers	PM/PM_{10}	3.00	13.14
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-84	Forming Line No. 4 Scrubber	PM/PM_{10}	2.51	10.99
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-91 and E-92	Consolidated Furnace No. 1 and No. 2 Forehearth	PM/PM_{10}	0.13	0.57
		VOC	0.09	0.39
		NO_x	1.68	7.36
		SO_2	<0.01	0.04
		CO	1.41	6.18
E-93	Furnace No. 3 Forehearth	PM/PM_{10}	0.07	0.31
		SO_2	<0.01	0.02
		NO_x	0.59	2.60
		CO	0.13	0.55
		VOC	0.03	0.14
E-94	Furnace No. 4 Forehearth and RTP Chopper 14/15 Baghouses	PM/PM_{10}	0.30	1.32
		SO_2	<0.01	0.04
		NO_x	0.98	4.29
		CO	0.82	3.59
		VOC	0.05	0.22
E-95	No. 1 Scales Batch Blender Baghouse	PM/PM_{10}	0.11	0.48
E-97	No. 1 Reject Batch Tank Baghouse	PM/PM_{10}	0.11	0.05

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	Emission Rates * TPY
E-98 A-D	Hot Air Dryer No. 98	PM/PM_{10}	0.71	(10)
		NO_x	0.93	
		SO_2	<0.01	
		CO	5.51	
		VOC	0.03	
		VOC (Size)	(5)	
		Base	(8)	
E-98 A-D, E-31 A-F through E-36 A-D, and E-45 A-D	Grouped Hot Air Dryers -- Nos. 31, 32, 33, 34, 35, 36, 45, and 98	PM/PM_{10}	----	5.76
		NO_x	----	34.32
		SO_2	----	0.09
		CO	----	34.92
		VOC	----	1.09
		VOC (Size)	----	(5)
		Base	----	(8)
E-99	RTP Dryer No. 10 and RTP Chopper No. 10 Baghouse	PM/PM_{10}	0.34	1.51
		SO_2	<0.01	0.04
		NO_x	0.20	0.86
		CO	0.16	0.72
		VOC	0.01	0.05
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-100	RTP Dryer No. 11 and RTP Chopper No. 11 Baghouse	PM/PM_{10}	0.34	1.51
		SO_2	<0.01	0.04
		NO_x	0.20	0.86
		CO	0.16	0.72
		VOC	0.01	0.05
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-101	Dielectric Oven No. 101	PM/PM_{10}	0.08	0.35
		VOC (Size)	(5)	(5)
		Base	(8)	(8)

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
E-105	Post Curing Oven No. 1	PM/PM_{10}	0.01	0.04
		VOC	<0.01	0.04
		NO_x	0.08	0.35
		SO_2	<0.01	0.04
		CO	0.07	0.31
E-106	Post Curing Oven No. 2	PM/PM_{10}	0.01	0.04
		VOC	0.01	0.04
		NO_x	0.10	0.44
		SO_2	<0.01	0.04
		CO	0.08	0.35
E-107	Post Curing Oven No. 3	PM/PM_{10}	0.01	0.04
		VOC	0.01	0.04
		NO_x	0.10	0.44
		SO_2	<0.01	0.04
		CO	0.08	0.35
E-109	Pneumatic Transfer Hold Tank Baghouse	PM/PM_{10}	0.15	0.66
E-112	RTP Dryer No. 12 Baghouse	PM/PM_{10}	0.34	1.51
		SO_2	<0.01	0.04
		NO_x	0.20	0.86
		CO	0.16	0.72
		VOC	0.01	0.05
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-113	RTP Dryer No. 13 Baghouse	PM/PM_{10}	0.34	1.51
		SO_2	<0.01	0.04
		NO_x	0.20	0.86
		CO	0.16	0.72
		VOC	0.01	0.05
		VOC (Size)	(5)	(5)
		Base	(8)	(8)

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
E-115	RR Unloading Area Vacuum Cleaning System Baghouse	PM/PM_{10}	0.04	0.06
E-116	RTP Dryer No. 16 Baghouse	PM/PM_{10}	0.56	2.47
		SO_2	<0.01	0.04
		NO_x	0.39	1.72
		CO	0.33	1.44
		VOC	0.02	0.09
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-117	RTP Dryer No. 17 Baghouse	PM/PM_{10}	0.56	2.47
		SO_2	<0.01	0.04
		NO_x	0.39	1.72
		CO	0.33	1.44
		VOC	0.02	0.09
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-118	RTP Dryer No. 18 Baghouse	PM/PM_{10}	0.56	2.47
		SO_2	<0.01	0.04
		NO_x	0.39	1.72
		CO	0.33	1.44
		VOC	0.02	0.09
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-119	RTP Chopper Nos. 7/8/12/13 Baghouse	PM/PM_{10}	0.46	2.01
E-121	Twintex Vacuum Conveying System No. 1 Baghouse	PM/PM_{10}	0.01	0.04
E-122	Twintex Vacuum Conveying System No. 2 Baghouse	PM/PM_{10}	0.01	0.04
E-123	Furnace No. 2 Twintex Extruder/Fiberization System	VOC	0.66	2.89
E-124	Twintex Raw Material Storage	PM/PM_{10}	0.04	----

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
	Silo P-4 Baghouse			
E-125	Twintex Raw Material Storage Silo P-5 Baghouse	PM/PM_{10}	0.04	----
E-126	Twintex Raw Material Storage Silo P-6 Baghouse	PM/PM_{10}	0.04	----
E-127	Twintex Raw Material Storage Silo P-7 Baghouse	PM/PM_{10}	0.04	----
E-128	Twintex Raw Material Storage Silo P-8 Baghouse	PM/PM_{10}	0.04	----
E-129	Twintex Raw Material Storage Silo P-9 Baghouse	PM/PM_{10}	0.04	----
E-130	RTP Chopper Nos. 18/19 Baghouse	PM/PM_{10}	0.23	1.01
E-124 through E-129	Twintex Raw Material Storage Silos P-4 through P-9 Baghouses	PM/PM_{10}	**----**	0.18
E-147A and B	Cleaning Stations 2 and 3	VOC	0.98	0.66
E-147C	Cleaning Station 4	VOC	0.49	0.33
E-152	Sandblast Operation	PM/PM_{10}	1.88	0.40
E-155	Research & Design Spray-up Booth	Styrene	2.53	0.51
		Methyl Methacrylate	0.23	0.05
		Acetone	4.57	2.50

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
E-200	CS Mat Line A Pre-Dryer	PM/PM_{10}	0.41	1.80
		NO_x	0.18	0.79
		SO_2	<0.01	0.04
		CO	3.19	10.89
		VOC	<0.01	0.04
		VOC (Size)	(5)	(5)
E-201	CS Mat Line B Pre-Dryer	PM/PM_{10}	0.41	1.80
		NO_x	0.18	0.79
		SO_2	<0.01	0.04
		CO	3.19	10.89
		VOC	<0.01	0.04
		VOC (Size)	(5)	(5)
E-202	CS Mat Line A Binder Application Area	PM/PM_{10}	0.26	1.14
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-203	CS Mat Line B Binder Application Area	PM/PM_{10}	0.26	1.14
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-204A&B	CS Mat Line A Binder Separator	PM/PM_{10}	0.10	0.44
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-205A&B	CS Mat Line B Binder Separator	PM/PM_{10}	0.10	0.44
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-206 A-P	CS Mat Line A Dryer and Associated Building Vents	PM/PM_{10}	6.04	1.38
		NO_x	1.41	6.18
		SO_2	0.01	0.04
		CO	3.19	10.89
		VOC	0.08	0.35
		VOC (Size)	(5)	(5)
		Base	(8)	(8)

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
E-207 A-P	CS Mat Line B Dryer and Associated Building Vents	PM/PM_{10} 6.04		1.38
		NO_x	1.41	6.18
		SO_2	0.01	0.04
		CO	3.19	10.89
		VOC	0.08	0.35
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
E-208	CS Mat Line A Chain Cleaner Burner	PM/PM_{10}	0.09	0.39
		NO_x	0.11	0.48
		SO_2	<0.01	0.04
		CO	0.09	0.39
		VOC	0.01	0.04
E-209	CS Mat Line B Chain Cleaner Burner	PM/PM_{10}	0.09	0.39
		NO_x	0.11	0.48
		SO_2	<0.01	0.04
		CO	0.09	0.39
		VOC	0.01	0.04
F-510 A and B	Batch Blender (6) Baghouse	PM/PM_{10} (9)	0.04	0.18
F-513	Furnace No. 5 Storage A Baghouse	PM/PM_{10} (9)	0.03	0.13
F-514	Furnace No. 5 Storage B Baghouse	PM/PM_{10} (9)	0.03	0.13
F-515	Furnace No. 5 Dry Scrubber and ESP (7)	PM/PM_{10} (9)	9.17	40.16
		VOC (9)	0.36	1.58
		NO_x (9)	19.25	84.32
		SO_2	12.83	56.20
		CO	4.58	20.06

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
F-516 A-C	Furnace No. 5 Hot Air Dryer No. 1	PM/PM_{10} (9)	0.22	0.96
		NO_x (9)	0.49	2.13
		SO_2	0.01	0.04
		CO	0.61	2.67
		VOC (9)	0.03	0.13
		VOC (Size) (9)	(5)	(5)
		Base	(8)	(8)
F-517 A-C	Furnace No. 5 Hot Air Dryer No. 2	PM/PM_{10} (9)	0.22	0.96
		NO_x (9)	0.49	2.13
		SO_2	0.01	0.04
		CO	0.61	2.67
		VOC (9)	0.03	0.13
		VOC (Size) (9)	(5)	(5)
		Base	(8)	(8)
F-518 A-C	Furnace No. 5 Hot Air Dryer No. 3	PM/PM_{10} (9)	0.22	0.96
		NO_x (9)	0.49	2.13
		SO_2	0.01	0.04
		CO	0.61	2.67
		VOC (9)	0.03	0.13
		VOC (Size) (9)	(5)	(5)
		Base	(8)	(8)
F-519 A-C	Furnace No. 5 Hot Air Dryer No. 4	PM/PM_{10} (9)	0.22	0.96
		NO_x (9)	0.49	2.13
		SO_2	0.01	0.04
		CO	0.61	2.67
		VOC (9)	0.03	0.13
		VOC (Size) (9)	(5)	(5)
		Base	(8)	(8)
F-520 A-C	Furnace No. 5 Hot Air Dryer No. 5	PM/PM_{10} (9)	0.22	0.96
		NO_x (9)	0.49	2.13
		SO_2	0.01	0.04
		CO	0.61	2.67
		VOC (9)	0.03	0.13

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
		VOC (Size) (9)	(5)	(5)
		Base	(8)	(8)
F-521A-C	Furnace No. 5 Hot Air Dryer No. 6	PM/PM_{10}	0.24	1.05
		NO_x	0.82	3.59
		SO_2	<0.01	0.01
		CO	0.61	2.67
		VOC	0.03	0.13
		VOC (Size)	(5)	(5)
		Base	(8)	(8)
F-522	Furnace No. 5 Forehearth Monitor	PM/PM_{10} (9)	0.14	0.61
		VOC (9)	0.10	0.44
		NO_x (9)	1.80	7.88
		SO_2	0.01	0.04
		CO	1.51	6.61
F-531	Furnace No. 5 Curing Oven Nos. 1 and 2	PM/PM_{10} (9)	0.03	0.15
		NO_x (9)	0.70	3.07
		SO_2	0.01	0.05
		CO	0.14	0.61
		VOC (9)	<0.01	0.04
		VOC (Size) (9)	(5)	(5)
F-532	Furnace 5 Post-Coat Vent 1	PM/PM_{10}	0.04	0.18
	VOC	0.01	0.06	
F-533	Furnace 5 Post-Coat Vent 2	PM/PM_{10}	0.04	0.18
	VOC	0.01	0.06	
F-535	Boiler No. 3	PM/PM_{10} (9)	0.08	0.36
		VOC (9)	0.05	0.20
		NO_x (9)	2.29	10.01
		SO_2	0.03	0.12
		CO	0.57	2.50

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
F-537	Diesel Generator	PM/PM_{10} (9)	1.61	0.39
		VOC (9)	1.48	0.36
		NO_x (9)	55.37	13.54
		SO_2	0.93	0.23
		CO	12.69	3.10
F-541	Line No. 5 Forming Machine Scrubbers	PM/PM_{10} (9)	6.37	27.90
		VOC (Size) (9)	(5)	(5)
		Base	(8)	(8)
F-542 A-D	Furnace 5 Post-Curing Oven No. 3	PM/PM_{10}	0.01	0.04
		NO_x	0.15	0.66
		SO_2	<0.01	<0.01
		CO	0.12	0.53
		VOC	0.01	0.04
F-543 A-D	Furnace 5 Post-Curing Oven No. 4	PM/PM_{10}	0.01	0.04
		NO_x	0.15	0.66
		SO_2	<0.01	<0.01
		CO	0.12	0.53
		VOC	0.01	0.04
FUG-11	Material Sizing Area Fugitives (4)	VOC (Size)	(5)	(5)
		Base	(8)	(8)
FUG-12	Size Staging Area Nos. 1 and 2 Fugitives (4)	VOC (Size)	(5)	(5)
		Base	(8)	(8)
FUG-13	Size Staging Area Nos. 3 and 4 Fugitives (4)	VOC (Size)	(5)	(5)
		Base	(8)	(8)
FUG-5	Furnace No. 5 Fugitives (4)	VOC (Size) (9)	(5)	(5)
		Base	(8)	(8)
WWPTP	Wastewater Pretreatment Fugitives (4)	VOC (Size)	(5)	(5)
		Base	(8)	(8)

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(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_{10}

PM_{10} - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.

NO_x - total oxides of nitrogen

SO_2 - sulfur dioxide

CO - carbon monoxide

Base - water-soluble hydroxide

(4) Fugitive emissions are an estimate only.

(5) All noted emission point numbers (EPNs) are combined and included as "Total Size Compound VOCs" for the Furnaces 1, 3, 4, and 5 Manufacturing Lines. The VOC emissions from combustion from these sources, if any, are listed separately for each emission point. "Total Size Compound VOCs" are limited to 369.97 pounds per hour (lb/hr) and 272.78 tons per year (tpy).

(6) Emissions from EPNs F-510A and F-510B shall not occur simultaneously.

(7) The PM emission limit for Furnace 5 (EPN F-515) shall not exceed 0.024 grain per dry standard cubic foot (front-half) as represented in the permit application. **(PSD)**

(8) All noted EPNs are combined and included as "Total Size Compound Base" for Furnace 1, 3, 4, and 5 Manufacturing Lines. "Total Size Compound Base" is limited to 7.58 lb/hr and 34.51 tpy.

(9) PSD

(10) Annual emission rates for Hot Air Dryers are grouped together and listed under EPN E-98A-D, E-31A-F through E-36A-D, and E-45A-D.

* Emission rates are based on and the facilities are limited by the maximum production rates and other representations as listed in the confidential file summary of this permit and by the following maximum operating schedule:

Hrs/day____ Days/week____ Weeks/year____ or Hrs/year 8,760

Dated August 21, 2006