

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5667

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

### SECTION A: THE FOLLOWING EMISSION POINT NOS. (EPNs) REFER TO MANUFACTURING LINES 1 AND 2

E-1	Silo 1 Baghouse	PM	0.07	0.32
		PM <sub>10</sub>	0.07	0.32
E-2	Silo 2 Baghouse	PM	0.07	0.32
		PM <sub>10</sub>	0.07	0.32
E-3	Silo 3 Baghouse	PM	0.07	0.32
		PM <sub>10</sub>	0.07	0.32
E-4	Silo 4 Baghouse	PM	0.07	0.32
		PM <sub>10</sub>	0.07	0.32
E-5	Silo 5 Baghouse	PM	0.07	0.32
		PM <sub>10</sub>	0.07	0.32
E-6	Silo 6 Baghouse	PM	0.07	0.32
		PM <sub>10</sub>	0.07	0.32
E-7A	Silo 7A Baghouse	PM	0.07	0.32
		PM <sub>10</sub>	0.07	0.32
E-7B	Silo 7B Baghouse	PM	0.07	0.32
		PM <sub>10</sub>	0.07	0.32
E-8	Silo 8 Baghouse	PM	0.07	0.32
		PM <sub>10</sub>	0.07	0.32

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
E-9	Silo 9 Baghouse	PM	0.07	0.32
		PM <sub>10</sub>	0.07	0.32
E-10	Silo 10 Baghouse	PM	0.12	0.51
		PM <sub>10</sub>	0.12	0.51
E-11	Silo 11 Baghouse	PM	0.12	0.51
		PM <sub>10</sub>	0.12	0.51
E-15	Batch Blender 2	PM	0.16	0.72
		PM <sub>10</sub>	0.16	0.72
E-15A	Batch Blender 2	PM	0.16	0.72
		PM <sub>10</sub>	0.16	0.72
E-16	Batch Blender 3	PM	0.16	0.72
		PM <sub>10</sub>	0.16	0.72
E-16A	Batch Blender 3	PM	0.16	0.72
		PM <sub>10</sub>	0.16	0.72
E-21A	Furnace 1 ESP Stack	PM	13.67	59.87
		PM <sub>10</sub>	13.67	59.87
		VOC	0.12	0.51
		NO <sub>x</sub>	13.87	60.75
		SO <sub>2</sub>	20.31	88.96
		CO	0.39	1.71
E-22A	Furnace 2 ESP Stack	PM	13.67	59.87
		PM <sub>10</sub>	13.67	59.87
		VOC	0.12	0.51
		NO <sub>x</sub>	13.87	60.75
		SO <sub>2</sub>	20.31	88.96
		CO	0.39	1.71

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
E-25	Batch Hold Bin	PM	0.25	1.07
	No. 1 Baghouse	PM <sub>10</sub>	0.25	1.07

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
E-26	Batch Hold Bin No. 2 Baghouse	PM	0.25	1.07
		PM <sub>10</sub>	0.25	1.07
E-32 A-F	Hot Air Dryer 32	PM	0.34	1.51
		PM <sub>10</sub>	0.34	1.51
		VOC	15.34	12.90
		NO <sub>x</sub>	5.76	25.21
		SO <sub>2</sub>	0.01	0.03
		CO	3.32	14.54
E-33 A-D	Hot Air Dryer 33	PM	0.34	1.51
		PM <sub>10</sub>	0.34	1.51
		VOC	15.34	12.90
		NO <sub>x</sub>	5.76	25.21
		SO <sub>2</sub>	0.01	0.03
		CO	3.32	14.54
E-38 A-J	Dielectric Oven 38	PM	0.14	0.62
		PM <sub>10</sub>	0.14	0.62
		VOC	24.42	24.06
E-41 A-F	Mat Dryer 41	PM	1.32	5.75
		PM <sub>10</sub>	1.32	5.75
		VOC	0.02	0.07
		NO <sub>x</sub>	0.45	1.74
		SO <sub>2</sub>	0.01	0.03
		CO	0.09	0.35
E-52	Boiler 2	PM	0.12	0.27
		PM <sub>10</sub>	0.12	0.27
		VOC	0.07	0.15
		NO <sub>x</sub>	3.40	7.45
		SO <sub>2</sub>	0.04	0.09

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
		CO	0.85	1.86

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
E-61 A-D	Emergency Generator 1	PM	2.12	0.14
		PM <sub>10</sub>	2.12	0.14
		VOC	0.56	0.04
		NO <sub>x</sub>	21.04	1.40
		SO <sub>2</sub>	1.80	0.12
		CO	5.48	0.37
E-62 A-D	Emergency Generator 2	PM	2.12	0.14
		PM <sub>10</sub>	2.12	0.14
		VOC	0.56	0.04
		NO <sub>x</sub>	21.04	1.40
		SO <sub>2</sub>	1.80	0.12
		CO	5.48	0.37
E-75A	Propane Evaporator 1	PM	0.02	<0.01
		PM <sub>10</sub>	0.02	<0.01
		VOC	0.01	<0.01
		NO <sub>x</sub>	0.29	0.07
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.04	0.01
E-75B	Propane Evaporator 2	PM	0.02	<0.01
		PM <sub>10</sub>	0.02	<0.01
		VOC	0.01	<0.01
		NO <sub>x</sub>	0.31	0.08
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.04	0.01
E-75C	Propane Evaporator 3	PM	0.02	<0.01
		PM <sub>10</sub>	0.02	<0.01
		VOC	0.01	<0.01
		NO <sub>x</sub>	0.31	0.08
		SO <sub>2</sub>	<0.01	<0.01

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AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
		CO	0.04	0.01

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
E-75D	Propane Evaporator 4	PM	0.02	<0.01
		PM <sub>10</sub>	0.02	<0.01
		VOC	0.01	<0.01
		NO <sub>x</sub>	0.31	0.08
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.04	0.01
E-81	Forming Line 1 Scrubber	PM	1.43	6.26
		PM <sub>10</sub>	1.43	6.26
		VOC	1.32	1.31
E-82	Forming Line 2 Scrubber	PM	1.13	4.94
		PM <sub>10</sub>	1.13	4.94
		VOC	1.32	1.31
E-85A and B	Forming Lines 1 and 2 Scrubber	PM	2.37	10.40
		PM <sub>10</sub>	2.37	10.40
		VOC	2.47	2.45
E-91	Furnace 1 Forehearth	PM	0.03	0.13
		PM <sub>10</sub>	0.03	0.13
		VOC	0.02	0.07
		NO <sub>x</sub>	0.81	3.56
		SO <sub>2</sub>	0.01	0.04
		CO	0.20	0.89
E-92	Furnace 2 Forehearth	PM	0.03	0.13
		PM <sub>10</sub>	0.03	0.13
		VOC	0.02	0.07
		NO <sub>x</sub>	0.81	3.56
		SO <sub>2</sub>	0.01	0.04
		CO	0.20	0.89
E-95	No. 1 Scales Batch Blender Baghouse	PM	0.06	0.28
		PM <sub>10</sub>	0.06	0.28



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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
E-97	No. 1 Reject Batch Tank Baghouse	PM	0.06	0.28
		PM <sub>10</sub>	0.06	0.28
E-98 A-D	Hot Air Dryer 98	PM	0.34	1.51
		PM <sub>10</sub>	0.34	1.51
		VOC	15.34	12.90
		NO <sub>x</sub>	5.76	25.21
		SO <sub>2</sub>	<0.01	0.02
		CO	3.32	14.54
E-101	Dielectric Oven 101	PM	0.03	0.12
		PM <sub>10</sub>	0.03	0.12
		VOC	4.88	4.81
E-103	Post Curing Oven 4	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		VOC	<0.01	<0.01
		NO <sub>x</sub>	0.08	0.09
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.02	0.02
E-104	Post Curing Oven 5	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		VOC	<0.01	<0.01
		NO <sub>x</sub>	0.08	0.09
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.02	0.02
E-105	Post Curing Oven 1	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		VOC	<0.01	<0.01
		NO <sub>x</sub>	0.08	0.09
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.02	0.02

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
E-106	Post Curing Oven 2	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		VOC	<0.01	0.02
		NO <sub>x</sub>	0.10	0.42
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.02	0.02
E-107	Post Curing Oven 3	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		VOC	<0.01	0.02
		NO <sub>x</sub>	0.10	0.42
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.02	0.02
E-109	Pneumatic Transfer Hold Tank Baghouse	PM	0.23	1.01
		PM <sub>10</sub>	0.23	1.01
F-2	Fuel Fugitives (4)	VOC	2.26	9.90

**SECTION B: THE FOLLOWING EPNs REFER TO MANUFACTURING LINES 3 AND 4**

E-23A	Furnace 3 ESP Stack (5) (Normal Operation)	PM	5.46	----
		PM <sub>10</sub>	5.46	----
		SO <sub>2</sub>	10.32	----
		NO <sub>x</sub>	11.46	----
		CO	0.76	----
		VOC	0.07	----
E-23B	Furnace 3 Bypass Stack (5) ----	PM		48.14
		PM <sub>10</sub>	48.14	----
		SO <sub>2</sub>	34.39	----
		NO <sub>x</sub>	11.46	----
		CO	0.76	----
		VOC	0.07	----

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
E-23AandB	Furnace 3 Stacks (5) (Combined Normal and Bypass Operations)	PM	----	27.00
		PM <sub>10</sub>	----	27.00
		SO <sub>2</sub>	----	46.92
		NO <sub>x</sub>	----	50.21
		CO	----	3.35
		VOC	----	0.31
E-24A	Furnace 4 ESP Stack (5) (Normal Operation)	PM	5.07	----
		PM <sub>10</sub>	5.07	----
		SO <sub>2</sub>	9.03	----
		NO <sub>x</sub>	19.41	----
		CO	0.52	----
		VOC	0.12	----
E-24B	Furnace 4 Bypass Stack (5) ----	PM		32.95
		PM <sub>10</sub>	32.95	----
		SO <sub>2</sub>	29.66	----
		NO <sub>x</sub>	19.41	----
		CO	0.52	----
		VOC	0.12	----
E-24A and B	Furnace 4 Stacks (5) (Combined Normal and Bypass Operations)	PM	----	26.19
		PM <sub>10</sub>	----	26.19
		SO <sub>2</sub>	----	42.50
		NO <sub>x</sub>	----	85.02
		CO	----	2.27
		VOC	----	0.53
E-27A	Batch Hold Bin 3A Baghouse Stack	PM	0.25	1.07
		PM <sub>10</sub>	0.25	1.07
E-27B	Batch Hold Bin 3B	PM	0.16	0.71

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
	Baghouse Stack	PM <sub>10</sub>	0.16	0.71
E-28	Batch Hold Bin 4	PM	0.25	1.07
	Baghouse Stack	PM <sub>10</sub>	0.25	1.07
E-34 A-D	Hot Air Dryer 34	PM	0.34	1.51
		PM <sub>10</sub>	0.34	1.51
		SO <sub>2</sub>	<0.01	0.02
		NO <sub>x</sub>	5.76	25.21
		CO	3.32	14.54
		VOC	(6)	(6)
E-35 A-D	Hot Air Dryer 35	PM	0.34	1.51
		PM <sub>10</sub>	0.34	1.51
		SO <sub>2</sub>	<0.01	0.02
		NO <sub>x</sub>	5.76	25.21
		CO	3.32	14.54
		VOC	(6)	(6)
E-36 A-D	Hot Air Dryer 36	PM	0.34	1.51
		PM <sub>10</sub>	0.34	1.51
		SO <sub>2</sub>	<0.01	0.02
		NO <sub>x</sub>	5.76	25.21
		CO	3.32	14.54
		VOC	(6)	(6)
E-39	RTP Dryer 15 Baghouse Stack	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	2.81	12.30
		CO	1.62	7.10
		VOC	(6)	(6)
E-42A and B	Dielectric Dryer 1	PM	0.04	0.19
		PM <sub>10</sub>	0.04	0.19
		VOC	(6)	(6)

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AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
E-43A and B	Dielectric Dryer 8	PM	0.04	0.19
		PM <sub>10</sub>	0.04	0.19
		VOC	(6)	(6)
E-83	Forming Scrubber Stack	PM	1.99	8.73
		PM <sub>10</sub>	1.99	8.73
		VOC	(6)	(6)
E-84	Forming Scrubber Stack	PM	2.73	11.95
		PM <sub>10</sub>	2.73	11.95
		VOC	(6)	(6)
E-86A and B	Forming Scrubber Stack	PM	1.99	8.73
		PM <sub>10</sub>	1.99	8.73
		VOC	(6)	(6)
E-87	Forming Scrubber Stack	Inoperative		
E-93	Furnace 3 Forehearth Stack 0.31	PM		0.07
		PM <sub>10</sub>	0.07	0.31
		SO <sub>2</sub>	<0.01	0.02
		NO <sub>x</sub>	0.59	2.60
		CO	0.13	0.55
		VOC	0.03	0.14
E-94	Furnace 4 Forehearth Stack 0.13	PM		0.03
		PM <sub>10</sub>	0.03	0.13
		SO <sub>2</sub>	<0.01	0.04
		NO <sub>x</sub>	0.81	3.56
		CO	0.20	0.89
		VOC	0.02	0.07

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## AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
E-99	RTP Dryer 10 Baghouse Stack <0.01	PM		<0.01
		PM <sub>10</sub>	<0.01	<0.01
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	2.81	12.30
		CO	1.62	7.10
		VOC	(6)	(6)
E-100	RTP Dryer 11 Baghouse Stack <0.01	PM		<0.01
		PM <sub>10</sub>	<0.01	<0.01
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	2.81	12.30
		CO	1.62	7.10
		VOC	(6)	(6)
E-111	RTP Chopper Baghouse Stack	PM	0.44	1.93
		PM <sub>10</sub>	0.44	1.93
E-112	RTP Dryer 12 Baghouse Stack	PM	0.03	0.07
		PM <sub>10</sub>	0.03	0.07
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.19	0.42
		CO	0.04	0.09
		VOC	0.57	1.24
E-113	RTP Dryer 13 Baghouse Stack	PM	0.03	0.07
		PM <sub>10</sub>	0.03	0.07
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.19	0.42
		CO	0.04	0.09
		VOC	0.57	1.24

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
E-114	RTP Chopper Baghouse Stack	PM PM <sub>10</sub>	0.45 0.45	1.97 1.97
FUG-10	Wastewater Pretreatment Fugitives (4)	VOC	(6)	(6)
FUG-11	Material Sizing Area Fugitives (4)	VOC	(6)	(6)
FUG-12	Size Staging Areas 1 and 2 (6) Fugitives (4)		VOC	(6)

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
FUG-13	Size Staging Areas 3 and 4 (6) Fugitives (4)		VOC	(6)

**SECTION C: THE FOLLOWING EPNs REFER TO MANUFACTURING LINE 5**

F-510 A, B	Batch Blender (7)	PM	0.06	0.28
	Baghouse (2 Stacks)	PM <sub>10</sub>	0.06	0.28
F-513	Furnace 5 Storage A Baghouse Stack	PM	0.05	0.20
		PM <sub>10</sub>	0.05	0.20
F-514	Furnace 5 Storage B Baghouse Stack	PM	0.05	0.20
		PM <sub>10</sub>	0.05	0.20
F-515	Furnace 5 Dry Scrubber and ESP (8)	PM	18.43	80.73
		PM <sub>10</sub>	18.43	80.73
		VOC	0.23	1.00
		NO <sub>x</sub>	48.61	212.90
		SO <sub>2</sub>	11.40	49.94
		CO	1.30	5.68
F-516 A-C	Dryer 1 (3 Stacks)	PM	0.22	0.96
		PM <sub>10</sub>	0.22	0.96
		VOC	0.37	1.61
		NO <sub>x</sub>	0.49	2.13
		SO <sub>2</sub>	0.01	0.04
		CO	0.10	0.43
F-517 A-C	Dryer 2 (3 Stacks)	PM	0.22	0.96
		PM <sub>10</sub>	0.22	0.96
		VOC	0.37	1.61
		NO <sub>x</sub>	0.49	2.13
		SO <sub>2</sub>	0.01	0.04



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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
		CO	0.10	0.43

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
F-518 A-C	Dryer 3 (3 Stacks)	PM	0.22	0.96
		PM <sub>10</sub>	0.22	0.96
		VOC	0.37	1.61
		NO <sub>x</sub>	0.49	2.13
		SO <sub>2</sub>	0.01	0.04
		CO	0.10	0.43
F-519 A-C	Dryer 4 (3 Stacks)	PM	0.22	0.96
		PM <sub>10</sub>	0.22	0.96
		VOC	0.37	1.61
		NO <sub>x</sub>	0.49	2.13
		SO <sub>2</sub>	0.01	0.04
		CO	0.10	0.43
F-520 A-C	Dryer 5 (3 Stacks)	PM	0.22	0.96
		PM <sub>10</sub>	0.22	0.96
		VOC	0.37	1.61
		NO <sub>x</sub>	0.49	2.13
		SO <sub>2</sub>	0.01	0.04
		CO	0.10	0.43
F-522	Furnace 5 Forehearth Monitor	PM	0.08	0.35
		PM <sub>10</sub>	0.08	0.35
		VOC	0.04	0.20
		NO <sub>x</sub>	2.23	9.75
		SO <sub>2</sub>	0.02	0.12
		CO	0.56	2.44

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
F-531	Curing Ovens 1 and 2	PM	0.03	0.15
		PM <sub>10</sub>	0.03	0.15
		VOC	0.53	2.31
		NO <sub>x</sub>	0.70	3.07
		SO <sub>2</sub>	0.01	0.05
		CO	0.14	0.61

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
F-535	Boiler 3	PM	0.08	0.36
		PM <sub>10</sub>	0.08	0.36
		VOC	0.05	0.20
		NO <sub>x</sub>	2.29	10.01
		SO <sub>2</sub>	0.03	0.12
		CO	0.57	2.50
F-537	Diesel Generator	PM	5.20	0.35
		PM <sub>10</sub>	5.20	0.35
		VOC	1.35	0.09
		NO <sub>x</sub>	52.00	3.48
		SO <sub>2</sub>	4.68	0.31
		CO	13.52	0.91
F-541 A-C	Line 5 Forming Machine (3 Scrubbers)	PM	5.50	24.11
		PM <sub>10</sub>	5.50	24.11
		VOC	0.03	0.13
FUG	Fugitives (4)	PM	-	1.33
		VOC	0.80	3.52

(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 - total suspended particulate matter, including PM<sub>10</sub>

PM<sub>10</sub> - particulate matter less than or equal to 10 microns

VOC - volatile organic compounds as defined in General Rule 101.1

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

- (5) E-23A, E-23B, E-24A, and E-24B list maximum hourly emission rates only. The maximum annual emission rates for Furnaces 3 and 4 are listed as E-23A and B and E-24A and B, the combined total of normal operation stacks and bypass operation stacks of the furnaces.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (6) All noted EPNs are combined and included as "Total Size Compound VOCs." The VOCs from combustion are insignificant for these sources. Total Size Compound VOCs are limited to 110.00 lbs/hr and 129.72 tons/year.
- (7) Emissions from EPNs F-510A and F-510B shall not occur simultaneously.
- (8) The PM emission limit for Furnace 5 (EPN F-515) shall not exceed 0.024 grain per dry standard cubic foot as represented in the permit application.

\* 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\_\_\_\_\_