

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

1346

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
E-1	Silo 1 Baghouse		PM10		0.07	0.32
E-2	Silo 2 Baghouse		PM10		0.07	0.32
E-3	Silo 3 Baghouse		PM10		0.07	0.32
E-4	Silo 4 Baghouse		PM10		0.07	0.32
E-5	Silo 5 Baghouse		PM10		0.07	0.32
E-6	Silo 6 Baghouse		PM10		0.07	0.32
E-7A	Silo 7A Baghouse		PM10		0.07	0.32
E-7B	Silo 7B Baghouse		PM10		0.07	0.32
E-8	Silo 8 Baghouse		PM10		0.07	0.32
E-9	Silo 9 Baghouse		PM10		0.07	0.32
E-10	Silo 10 Baghouse		PM10		0.12	0.51
E-11	Silo 11 Baghouse		PM10		0.12	0.51
E-21A	Furnace No. 1		PM10		18.23	79.85
			VOC		0.12	0.51
			NOX		13.87	60.75
			SO2		20.31	88.96
			CO		0.39	1.71

E-22A	Furnace No. 2	PM10	18.23	79.85
		VOC	0.12	0.51
		NOX	13.87	60.75
		SO2	20.31	88.96
		CO	0.39	1.71

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u>	
				TPY	
E-25	Batch Hold Bin No. 1 Baghouse			PM10	0.25 1.07
E-26	Batch Hold Bin No. 2 Baghouse			PM10	0.25 1.07
E-32 A-F	Hot Air Dryer 32			PM10	0.03 0.10
				VOC	1.58 5.92
				NOX	0.53 2.02
				SO2	0.01 0.03
				CO	0.11 0.41
E-33 A-D	Hot Air Dryer 33			PM10	0.03 0.10
				VOC	1.58 5.92
				NOX	0.53 2.02
				SO2	0.01 0.03
				CO	0.11 0.41
E-38 A-I	Dielectric Oven 38			VOC	0.47 1.80
E-41 A-E	Mat Dryer 41			PM10	1.32 5.75
				VOC	1.29 5.15
				NOX	0.45 1.74
				SO2	0.01 0.03
				CO	0.09 0.35
E-52	Boiler 2			PM10	0.12 0.27
				VOC	0.07 0.15
				NOx	3.40 7.45
				SO2	0.04 0.09
				CO	0.85 1.86
E-61 A-D	Emergency Generator 1			PM10	2.12 0.14
				VOC	0.56 0.04
				NOX	21.04 1.40
				SO2	1.80 0.12

E-62 A-D	Emergency Generator 2	CO	5.48	0.37
		PM10	2.12	0.14
		VOC	0.56	0.04
		NOX	21.04	1.40
		SO2	1.80	0.12
		CO	5.48	0.37

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	Emission Rates * TPY		
E-81	Forming Line 1 Scrubber			PM10	0.04	0.18
				VOC	0.02	0.07
E-82	Forming Line 2 Scrubber			PM10	0.04	0.18
				VOC	0.02	0.07
E-85	Forming Lines 1 & 2 Scrubber			PM10	0.08	0.35
				VOC	0.03	0.13
E-91	No. 1 Furnace Forehearth			PM10	0.03	0.13
				VOC	0.02	0.07
				NOX	0.81	3.56
				SO2	0.01	0.04
				CO	0.20	0.89
E-92	No. 2 Furnace Forehearth			PM10	0.03	0.13
				VOC	0.02	0.07
				NOX	0.81	3.56
				SO2	0.01	0.04
				CO	0.20	0.89
E-95	No. 1 Scales Batch Blender Baghouse			PM10	0.06	0.28
E-97	No. 1 Reject Batch Tank Baghouse			PM10	0.06	0.03
E-98 A-D	Hot Air Dryer 98			PM10	0.03	0.10
				VOC	1.58	5.92
				NOX	0.54	2.02
				SO2	0.01	0.03
				CO	0.11	0.41
E-101	Dielectric Oven 101			VOC	0.09	0.35
E-103	Post Curing Oven 4			PM10	<.01	<.01
				VOC	0.22	0.24
				NOX	0.08	0.09
				SO2	<.01	<.01

		CO	0.02	0.02
E-104	Post Curing Oven 5	PM10	<.01	<.01
		VOC	0.22	0.24
		NOX	0.08	0.09
		SO2	<.01	<.01
		CO	0.02	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u>	
				TPY	
E-105	Post Curing Oven 1	PM10		<.01	<.01
		VOC		0.22	0.24
		NOX		0.08	0.09
		SO2		<.01	<.01
		CO		0.02	0.02
E-106	Post Curing Oven 2	PM10		<.01	<.01
		VOC		0.29	1.24
		NOX		0.10	0.42
		SO2		<.01	<.01
		CO		0.02	0.02
E-107	Post Curing Oven 3	PM10		<.01	<.01
		VOC		0.29	1.24
		NOX		0.10	0.42
		SO2		<.01	<.01
		CO		0.02	0.02
E-109	Pneumatic Transfer Hold Tank Baghouse	PM10		0.23	1.01
E-112	RTP Dryer 12	PM10		0.03	0.07
		VOC		0.57	1.24
		NOX		0.19	0.42
		SO2		<.01	<.01
		CO		0.04	0.09
E-113	RTP Dryer 13	PM10		0.03	0.07
		VOC		0.57	1.24
		NOX		0.19	0.42
		SO2		<.01	<.01
		CO		0.04	0.09
E-114	No. 12 and No. 13 RTP Chopper Baghouse	PM10		0.45	1.97

F-1	Road Fugitives (4)	TSP		1.74
F-2	Fuel Fugitives (4)	VOC	2.26	9.90

Page 5 of 5
1346

- (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) PM10 - particulate matter less than 10 microns
 - VOC - volatile organic compounds as defined in General Rule 101.1
 - NOx - total oxides of nitrogen
 - SO2 - sulfur dioxide
 - CO - carbon monoxide
 - TSP - total suspended particulate matter, including PM10
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day____Days/week____Weeks/year____or Hrs/year 8760

Revised_____

