

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2380

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 sources.

## AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
B2	Silo No. 7	PM	0.03	0.1
B2A	Silo No. 8	PM	0.03	0.04
B2B	Silo No. 9	PM	0.03	0.04
B2C	Saran Silo	PM	0.03	0.04
B3	EPON Tank	PM	0.1	0.05
B3A	Sanitizer Tank	VOC	0.1	<0.01
B4	Filter Receiver	PM	0.2	0.9
B5	Saran Blender	PM	0.03	0.1
B6	Saran Blender	PM	0.03	0.1
B11	Saran Blender	PM	0.03	0.1
B14A	Barrier Extrusion Web No. 7 0.23		NO <sub>x</sub>	0.06
B14B	Barrier Extrusion Web No. 6 0.12		NO <sub>x</sub>	0.03
B14C	Barrier Extrusion Web No. 5 0.12		NO <sub>x</sub>	0.03

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## AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
B14D	Barrier Extrusion Web No. 4 0.23		NO <sub>x</sub>	0.06
B14E	Barrier Extrusion Web Nos. 1 and 2	NO <sub>x</sub>	0.06	0.23
B14F	Barrier Extrusion Web No. 9 0.23		NO <sub>x</sub>	0.06
B14G	Barrier Extrusion Web No. 8 0.23		NO <sub>x</sub>	0.06
B14H	Barrier Extrusion Web No. 10 0.23		NO <sub>x</sub>	0.06
B14I	Barrier Extrusion Web No. 11 0.23		NO <sub>x</sub>	0.06
B14J	Barrier Extrusion Web No.12 0.27		NO <sub>x</sub>	0.07
B14L	Barrier Extrusion Web No. 13 0.27		NO <sub>x</sub>	0.07
B14M	Barrier Extrusion Web No. 14 0.27		NO <sub>x</sub>	0.07
B14N	Barrier Extrusion Web No. 15 0.27		NO <sub>x</sub>	0.07
B20F1	Ink Room Fan No. 1	VOC	1.05	4.6
B20F2	Ink Room Fan No. 2	VOC	1.05	4.6

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
B21A1	Press No. 1 Oven	VOC	<0.01	<0.01
		Ammonia	0.02	0.02
		POC	0.06	0.3
B21A2	Press No. 1 Station	VOC	0.03	0.03
		Ammonia	0.06	0.06
		POC	0.06	0.3
B21A3	Press No. 1 Fugitive	VOC	0.02	0.03
		Ammonia	0.04	0.07
B21B1	Press No. 2 Oven	VOC	0.01	0.01
		Ammonia	0.03	0.03
		POC	0.06	0.3

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
B21B2	Press No. 2 Station	VOC	0.05	0.05
		Ammonia	0.12	0.12
		POC	0.06	0.3
B21B3	Press No. 2 Fugitive	VOC	0.03	0.06
		Ammonia	0.07	0.14
B21D1	Press No. 4 Floor Vent	VOC	1.10	0.52
B21D4	Press No. 4 Fugitive Emissions	VOC	7.7	7.4
B21F	Press Nos. 4 and 5 Incinerator Stack	VOC	2.9	4.0
		POC	0.9	3.6
B21F1	Press No. 5 Fugitive Emissions	VOC	8.4	14.0
B28A	Boiler No. 1	POC	4.4	19.3
B28B	Boiler No. 2	POC	4.4	19.3
B28C	Boiler No. 3	POC	5.2	22.6
B28D	Boiler No. 4	POC	7.98	34.93
B28E	Boiler No. 5	POC	7.98	34.93
B31A	TBG No. 4 Laminator In Line Printer	VOC	0.18	0.75
B31B	TBG No. 3 Laminator In Line Printer	VOC	0.18	0.75
B31C	TBG No. 2 Laminator In Line Printer	VOC	0.18	0.75

Permit No. 2380  
Page 5

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>

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## AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
B31D	TBG No. 1 Laminator In Line Printer	VOC	0.18	0.75
B31I	TBG No. 5 Laminator In Line Printer	VOC	0.18	0.75
B31K	TBG No. 6 Laminator In Line Printer	VOC	0.18	0.75
B31M	TBG No. 7 Laminator In Line Printer	VOC	0.18	0.75
B31O	TBG No. 11 Laminator In Line Printer	VOC	0.18	0.75
B31Q	TBG No. 101 Laminator In Line Printer	VOC	0.18	0.75
B31S	TBG No. 106 Laminator In Line Printer	VOC	0.18	0.75
B41A	TBG No. 1	Ammonia POC	0.16 0.07	0.67 0.4
B41B	TBG No. 2	Ammonia POC	0.16 0.07	0.67 0.4
B41C	TBG No. 3	Ammonia POC	0.16 0.07	0.67 0.4
B41D	TBG No. 4	Ammonia POC	0.16 0.07	0.67 0.4
B41E	TBG No. 5	Ammonia	0.16	0.67

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AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
		POC	0.07	0.4

## 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
B41F	TBG No. 6	Ammonia	0.16	0.67
		POC	0.07	0.4
B41G	TBG No. 7	Ammonia	0.16	0.67
		POC	0.07	0.4
B41H	TBG No. 11	Ammonia	0.16	0.67
		POC	0.07	0.4
B41I	TBG No. 101	Ammonia	0.16	0.67
		POC	0.07	0.4
B41J	TBG No. 106	Ammonia	0.16	0.67
		POC	0.07	0.4
F1	Film Line No. 1	NO <sub>x</sub>	0.06	0.23
F2	Film Line No. 2	NO <sub>x</sub>	0.11	0.45
F5	Film Line No. 5	NO <sub>x</sub>	0.11	0.45
F6	Film Line No. 6	NO <sub>x</sub>	0.11	0.45
F7	Film Line No. 7	NO <sub>x</sub>	0.11	0.45
F8	Film Line No. 8	NO <sub>x</sub>	0.11	0.45
F9	Film Line No. 9	NO <sub>x</sub>	0.11	0.45
F9A	Film Line No. 1	PM	0.03	0.13
F9B	Film Line No. 2	PM	0.03	0.13
F9C	Film Line No. 3	PM	0.01	0.03



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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>
F9D	Film Line No. 4	PM	0.01	0.03

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## AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
F9E	Film Line No. 5	PM	0.01	0.03
F9F	Film Line No. 6	PM	0.01	0.03
F9G	Film Line No. 7	PM	0.01	0.04
F9H	Film Line No. 8	PM	0.01	0.04
F9I	Film Line No. 9	PM	0.01	0.04
T101	Storage Tank	NaOH	<0.01	<0.01
T102	Storage Tank	HCl	<0.01	<0.01
T103	Storage Tank	VOC	<0.01	<0.01
T301	Storage Fuel Oil No. 2	VOC	<0.01	0.02
T302	Storage Fuel Oil No. 2	VOC	<0.01	0.02
T303	Storage Tank	VOC	<0.01	0.03
T304	Storage Tank	VOC	<0.01	0.01
T305	Storage Tank	VOC	<0.01	0.01
T306	Storage Tank	VOC	<0.01	0.03
T307	Storage Tank	VOC	20.2	0.09
EX-1	Silo No. 1	PM	0.03	0.04
EX-2	Silo No. 2	PM	0.03	0.04

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AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
EX-3	Silo No. 3	PM	0.03	0.04

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
EX-4	Silo No. 4	PM	0.03	0.04
EX-5	Silo No. 5	PM	0.03	0.04
EX-6	Silo No. 6	PM	0.03	0.04
EX-10	Silo No. 10	PM	0.03	0.13
EX-11	Silo No. 11	PM	0.03	0.13

(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 General Rule 101.1

PM - particulate matter

NaOH - sodium hydroxide

HCl - hydrochloric acid

POC - products of combustion

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

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated \_\_\_\_\_