

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18389

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 (4) Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
FOAMPLANT	Expanded Polystyrene Foam Production	Butane	69.4	167.3
			1.34	9.64

The following itemized list represents actual process emission points authorized by this permit; however, emission rates associated with each of these emission points are only estimates; they are included here for clarity, and should not be considered enforceable emission limits:

1	Road Traffic	PM	0.70	2.15
ES1-4	Resin Silo	PM	0.05	0.21
ES5-7	Storage Silo	PM	<0.01	<0.01
ES8-12	Fluff Silo	PM	0.25	1.07
ES13, 14A, 14B 15A, and 15B	Blowers	PM	0.12	5.35
ES16	Extruder 1	Butane	0.60	2.30
ES17A, 17B	Laminator	Butane	2.80	3.60
		PM	0.01	0.03
ES19	Extruder 2	Butane	0.60	2.30
ES20	Blowers	PM	0.03	0.11

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Emission (4) Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
ES21A, 21B	Blowers	PM	0.04	0.15
ES22A, 22B	Reclaim Extruder	PM	0.12	0.52
ES23, 28	Reclaim Roof Vents	Butane	2.8	7.26
ES24 through 27 and 29 through 32	Extrusion Roof Vents	Butane	11.2	29.1
ES36-45	Thermoformer 1-10 Roof Vents	Butane	8.00	24.5
ES46-52	Warehouse 1-7 Wall Vents	Butane	36.9	76.0
ES56	RTO	VOC	2.00	7.85
		CO	3.29	14.42
		SO <sub>2</sub>	0.01	0.01
		NO <sub>x</sub>	1.74	7.64
		PM	0.01	0.04
F1	Roll Storage	Butane	1.83	8.03

(1) Emission point identification - 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

CO - carbon monoxide

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

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

PM - particulate matter, suspended in the atmosphere, including

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Emission (4)	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>

PM<sub>10</sub>.

PM<sub>10</sub> - 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.

(4) Emission rates are based on a continuous operating schedule of 8,760 hours per year.

Dated \_\_\_\_\_