

# 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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u>	
			lbs/hr	TPY
ES1-52	EPS Operations (4)	Butane or VOC1	69.4	167.3
		Other VOCs	0.01	0.35
		PM	1.34	9.64
Itemized:				
1	Road Traffic	Polystyrene PM	0.70	2.15
ES1-4	Resin Silo	Polystyrene PM	0.05	0.21
ES5-7	Storage Silo	Polystyrene PM	<0.01	<0.01
ES8-12	Fluff Silo	Polystyrene PM	0.25	1.07
ES13,14A,14B 15A,15B	Blowers	Polystyrene PM	0.12	5.35
ES16	Extruder 1	Butane or VOC1	0.60	2.30
ES17A,17B	Laminator	Polystyrene PM	0.01	0.03
		Butane or VOC1	2.80	3.60
ES18	Ink Dryer	VOC	0.01	0.35
ES19	Extruder 2	Butane or VOC1	0.60	2.30
ES20	Blowers	Polystyrene PM	0.03	0.11
ES21A,21B	Blowers	Polystyrene PM	0.04	0.15
ES22A,22B	Reclaim Extruder	Polystyrene PM	0.12	0.52
ES23-32	Extrusion Roof Vents	Butane or VOC1	14.0	36.3
ES36-45	Thermoformer 1-10 Roof Vents	Butane or VOC1	8.00	24.5

ES46-52	Warehouse 1-7 Wall Vents	Butane or VOC1	36.9	76.0
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## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			lbs/hr	TPY
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 or VOC1	1.75	6.50
F2	Fluff Silos	Butane or VOC1	2.00	5.18
F3	Reclaim	Butane or VOC1	0.70	2.75

- (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  
 CO - carbon monoxide  
 SO<sub>2</sub> - sulfur dioxide  
 NO<sub>x</sub> - nitrogen oxides  
 PM - particulate matter  
 VOC1 - VOC contained in the blowing agent with an Effects Screening Level (ESL) of no less than 18,000 micrograms per cubic meter on an annual basis as established in the ESL list dated April 1, 1994.
- (4) Emissions are distributed as itemized below. A redistribution among individual emission points shall not be considered an exceedance of this table.

\* 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

Date \_\_\_\_\_