

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18389

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit.

AIR CONTAMINANTS DATA

Emission (4)	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
FOAMPLANT	Expanded Polystyrene Foam Production	VOC	69.4	167.3
		PM	1.34	9.64
ES56	RT0	VOC	0.8	3.7
		CO	3.29	14.42
		SO ₂	0.01	0.01
		NO _x	1.74	7.64
		PM	0.01	0.04

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:

ES1-4	Resin Silo	PM	0.05	0.21
ES5-7	Storage Silo	PM	0.05	0.21
ES8-12	Fluff Silo	PM	0.25	1.11
ES13, 14A, 14B 15A, and 15B	Blowers	PM	0.12	0.53
ES16	Extruder 1	VOC	1.9	8.32
ES17A and 17B	Laminator	VOC	0.61	2.70
ES19	Extruder 2	VOC	1.37	6.00
ES20	Blowers	PM	0.02	0.10
ES21A and 21B	Blowers	PM	0.04	0.16
ES22A and 22B	Reclaim Extruder	PM	0.08	0.36

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Emission (4) Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
ES23 and 28	Reclaim Roof Vents	VOC	0.83	3.60
ES24 through 27 and 29 through 32	Extrusion Roof Vents	VOC	3.3	14.4
ES 33	Reclaim Barrel Vents	VOC	8.22	36.0
ES36-45	Thermoformer 1-10 Roof Vents	VOC	4.1	17.9
ES46-52	Warehouse 1-7 Wall Vents	VOC	0.9	3.8
F1	Roll Storage	VOC	4.1	17.9

(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 30 Texas Administrative Code Section 101.1

CO - carbon monoxide

SO₂ - sulfur dioxide

NO_x - total oxides of nitrogen

PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - 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.

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

Dated_____