

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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u> lb/hr	
TPY(5)				
FOAMPLANT	Expanded Polystyrene Foam Production	VOC	69.4	167.3
		PM	1.34	9.64
ES56	RTO	VOC	0.8	3.48
		VOC (4)	0.02	0.07
		CO (4)	0.24	1.02
		SO ₂ (4)	0.01	0.01
		NO _x (4)	0.28	1.21
		PM (4)	0.03	0.10

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
ES8-11	Fluff Silo	PM	0.35	1.54
ES13, 14A, 14B, 15A, and 15B	Blowers	PM	0.12	0.53
ES16	Extruder 1	VOC	1.9	8.32
ES17A and 17B	Two Laminators	VOC	1.35	5.92
ES19	Extruder 2	VOC	1.37	6.00
ES20	Blowers	PM	0.02	0.10
ES21A and 21B	Blowers	PM	0.04	0.16

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY(5)
ES22A and 22B	Reclaim Extruder Feed Bins	PM VOC 6.9	0.08 30.2	0.36
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 and Loading Dock Fugitives	VOC	1.3	5.6
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.
- (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) Combustion emissions.
- (5) Rate is for a rolling 12 consecutive months.
- (6) Emissions from Emission Points ES22A, ES22B, ES21A, ES21B, and ES8-11 are routed through the Regenerative Thermal Oxidizer (RTO - ES56)

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			<u>lb/hr</u>	<u>TPY(5)</u>

Dated_____