

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21189

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 (FIN)	Air Contaminant Name (2)	Emission Rates	
			lb/hr	TPY (3)
EP1a	EPS Bead Pre-Expander, Aging, Block Molder, and Block Conditioning vented through a Thermal Oxidizer	Pentane	0.49	1.20
		VOC (4)	0.02	0.07
		PM/PM <sub>10</sub> (4)	0.02	0.09
		NO <sub>x</sub> (4)	0.27	1.19
		CO	0.23	1.00
		SO <sub>2</sub>	<0.01	<0.01
EP1b	EPS Block Molder (BLOCK)	Pentane (5)	0.86	2.10
EP1c	Boiler (1.6 MMBtu/hr) (BLR1)	VOC (4)	<0.01	0.04
		PM/PM <sub>10</sub> (4)	0.01	0.05
		NO <sub>x</sub> (4)	0.16	0.69
		CO (4)	0.13	0.58
		SO <sub>2</sub> (4)	<0.01	<0.01
EP2	Woodworking Equipment Vented through a Baghouse (BH1)	PM/PM <sub>10</sub>	0.26	0.85
EP3a and EP3b	Two Core Embossers (CE1 and CE2)	VOC	13.57	15.50
		Exempt Solvent	0.05	0.06
		PM/PM <sub>10</sub>	0.20	0.23
EP3d	Wire Cutter (CE4)	VOC	1.15	0.30
		Exempt Solvent	<0.01	<0.01
		PM/PM <sub>10</sub>	0.07	0.02
EP4a and EP4c	Edge Spray Paint Booths (SB1 and SB3)	VOC	8.40	6.13
		PM/PM <sub>10</sub>	1.46	1.07
EP5	Glue Roll Spreaders 1, 2 and 3 (GL1, GL2, and GL 3), Glazing (GL3) and Cleanup (FWVOC)	VOC (6)	5.16	5.10

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
AIR

CONTAMINANTS DATA

Emission Point No. (1)	Source Name (FIN)	Air Contaminant Name (2)	Emission Rates	
			lb/hr	TPY (3)
EP6	Baghouse Dump (TD1)	PM (6)	<0.01	0.03
		PM <sub>10</sub> (6)	<0.01	0.01
EP7	Space Heaters (HEATERS)	VOC (4)(6)	0.02	0.02
		PM/PM <sub>10</sub> (4)(6)	0.02	0.03
		NO <sub>x</sub> (4)(6)	0.28	0.36
		CO (4)(6)	0.12	0.15
		SO <sub>2</sub> (4)(6)	<0.01	<0.01
EP3a, EP3b, EP3d, and EP5	Embossers, Wire Cutter, Glue Spreaders, and Glazing	Single HAP		<10.00
		Multiple HAP		<25.00

(1) Emission point identification from plot plan

(2) Pentane - includes  
n-pentane, cyclopentane, and isopentane

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code (30 TAC)  
§ 101.1

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>

PM<sub>10</sub> - particulate matter equal to or less than a nominal 10 microns in aerodynamic diameter.

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

CO - carbon monoxide

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

HAP - hazardous air pollutants as identified in Title 40 Code of Federal Regulations Part 63,  
Subpart C

Exempt Solvent - organic compounds as defined in 30 TAC § 101.1

(3) Rate is for a rolling 12-consecutive months

(4) Emissions from combustion of fuel

(5) Uncontrolled emissions

(6) Fugitive emissions

Dated February 3, 2006