

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)	<u>Emission Rates</u>	
			lb/hr	TPY (3)
EP1a	EPS Bead Expander, Bead Aging, Block Molder, and Block Aging vented through a Thermal Oxidizer (2.785 MMBtu/hr) (EPSa)	Pentane	0.97	1.06
		VOC (4)	0.02	0.07
		PM ₁₀ (4)	0.02	0.09
		NO _x (4)	0.27	1.20
		CO (4)	0.23	1.00
		SO ₂ (4)	<0.01	0.01
EP1b	Uncontrolled EPS Block Molder (EPSb)	Pentane (5)	4.08	4.46
EP1c	Boiler (3.884 MMBtu/hr) (BLR1)	VOC (4)	0.02	0.09
		PM ₁₀ (4)	0.03	0.13
		NO _x (4)	0.38	1.65
		CO (4)	0.32	1.39
		SO ₂ (4)	<0.01	0.01
EP1d	Uncontrolled EPS Bead and Block Aging (BYPASS)	Pentane	16.79	12.01
EP2	Woodworking Equipment vented through a Baghouse (BH1)	PM ₁₀	0.20	0.62
EP3a	Core Embosser (CE1)	VOC	15.53	18.40
		Exempt Solvent	<0.01	<0.01
		PM ₁₀	0.23	0.27
EP3c	Wire Cutter (CE4)	VOC (5)	1.33	2.13
		Exempt Solvent (5)	<0.01	<0.01
		PM ₁₀ (5)	0.08	0.12

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

EP4a	Edge Spray Paint Booth (SB1)	VOC	0.42	1.22
		PM ₁₀	0.18	0.60
EP5	Adhesive Roll Spreaders (GL1, GL2 and GL3), Glazing (GL3), Cleanup (FWVOC), and Touchup Spray Painting	VOC (5)	19.80	15.69
		Exempt Solvent (5)	1.20	0.36
		PM ₁₀ (5)	0.10	0.03
EP7	Space Heaters (4.273 MMBtu/hr) (HEATERS)	VOC (4)(5)	0.02	0.10
		PM ₁₀ (4)(5)	0.03	0.14
		NO _x (4)(5)	0.42	1.83
		CO (4)(5)	0.35	1.54
		SO ₂ (4)(5)	<0.01	0.01
EP8	LFI In-Mold Primer Booth (Primer, Barrier Coat & Long Fiber Injection (LFIa)	VOC	0.58	3.43
		Ammonia	0.01	0.06
		PM ₁₀	0.37	1.60
EP9 and EP10	LFI Post-Prime Booth (LFIb) and Curing Oven (LFIc)	VOC	5.74	10.05
		Ammonia	0.10	0.18
		PM ₁₀	0.86	1.51
		VOC (4)	<0.01	0.02
		PM ₁₀ (4)	<0.01	0.02
		NO _x (4)	0.07	0.32
		CO (4)	0.06	0.27
		SO ₂ (4)	<0.0	<0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (1) Emission point identification from a plot plan.
- (2) VOC
 - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1 (30 TAC § 101.1)
 - Exempt Solvent
 - organic compounds as defined in 30 TAC § 101.1
 - Pentane
 - includes n-pentane, cyclopentane, and isopentane
 - NO_x
 - total oxides of nitrogen
 - SO₂
 - sulfur dioxide
 - PM₁₀
 - particulate matter equal to a nominal 10 microns in aerodynamic diameter
 - CO
 - carbon monoxide
 - HAP
 - hazardous air pollutant as listed in Title 40 Code of Federal Regulations Part 63, Subpart C
- (3) Rate is for a rolling 12 consecutive months
- (4) Emission from combustion of natural gas
- (5) Fugitive emissions

Dated September 23, 2009