



TEXAS DEPARTMENT OF LICENSING AND REGULATION
COMPLIANCE DIVISION – INDUSTRIALIZED HOUSING AND BUILDINGS

P.O. Box 12157 • Austin, Texas 78711 • (512) 463-7353 • (800) 803-9202 • FAX (512) 475-4364
industrialized.buildings@license.state.tx.us • www.license.state.tx.us

**Residential Site Inspection Checklist for Industrialized Housing
 Energy, Mechanical, Plumbing, Gas, and Electrical Work Performed at the Installation Site**

This checklist is a guide to items involving code compliance of the energy, mechanical, plumbing, gas, and electrical work that needs to be checked during a residential site inspection but does not necessarily constitute a complete list of items to be checked. The checklist provides minimum check points for work performed at the installation site; however, not all check points may be applicable. The inspector shall also check to assure that construction performed on site does not result in non-compliance of construction completed in the manufacturing facility. Note: NA = Not applicable

Industrialized builder's name & reg #: _____

Texas Decal or Insignia Number(s): _____

Manufacturer's Serial or ID Number(s): _____

Owner's Name and Address:	
Installation Address:	

IRC = International Residential Code (2003 edition); IECC = International Energy Conservation Code (2003 edition); NEC = National Electrical Code (2002 edition); Rule = Chapter 70 rules governing Industrialized Housing and Buildings

NA	Meets		Item #	Check Point
	YES	NO		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	HVAC work performed by a person or persons licensed to perform this work as required by applicable state law: Name and license #: _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	Plumbing work performed by a person or persons licensed to perform this work as required by applicable state law: Name and license #: _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	Electrical work performed by a person or persons licensed to perform this work as required by applicable state law: Name and license #: _____
ENERGY				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E-1	IRC N1102.1.11 – Air leakage: Sealing of joints, seams, and penetrations
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E-2	IRC N1103, IRC Table N1103.2, IECC 503.2, and IECC Table 503.2 – Mechanical equipment efficiency
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E-3	IRC N1103 and IECC 503.2 – Mechanical equipment installed in accordance with equipment manufacturer's instructions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E-4	IRC N1104, IRC Table 1104.1, IECC 504.2.1, and IECC 504.2.1 – Water heater efficiency
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E-5	IRC N1103.3, IRC M1601.2, IRC M1601.3.4, and IECC 503.3.3.3 – Duct insulation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E-6	IRC N1103.4 and IECC 503.3.4.3 – Sealing of joints and seams in ducts
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E-7	IECC 504.7 – Heat traps on water heaters
MECHANICAL				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M-1	Equipment and appliances meet requirements of manufacturer's approved details or unique engineered design
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M-2	IRC M1303 and IRC M1304 – Labeling and type of fuel for mechanical equipment
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M-3	IRC M1305 and IRC M1401.2 – Access for appliances and heating and cooling equipment
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M-4	IRC M1306 – Clearances for appliances
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M-5	IRC M1307 and IRC M1401.1 - Installation conforms to the conditions of their listing and the appliance manufacturer's installation instructions. Operating and installation instructions attached to the appliance
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M-6	IRC M1401.4 – Equipment installed outdoors listed and labeled for outdoor installation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M-7	IRC M1601.1.1 – Above-ground duct systems
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M-8	IRC M1601.2 - Factory-made ducts or duct material
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M-9	IRC M1601.3 – Duct installation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M-10	IRC M1601.3.2 – Duct support
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M-11	IRC M1601.3.5 – Factory-made air ducts not installed in or on ground

TDLR - Residential Site Inspection Checklist for Industrialized Housing – Energy, Mechanical, Plumbing, Gas, and Electrical

Installation address: _____

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NA	Meets		Item #	Check Point
	YES	NO		
MECHANICAL (Continued)				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M-12	IRC M1601.3.6 – Duct separation from earth
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M-13	IRC M2005.1 – Water heating equipment is installed in accordance with the equipment manufacturer's instructions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	M-14	IRC M2005.2 – Prohibited locations for water heaters
PLUMBING				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-1	Plumbing meets requirements of manufacturer's approved details or unique engineered design
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-2	IRC P2603.1 – Protection against physical damage
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-3	IRC P2603.3 – Pipes protected from breakage and corrosion
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-4	IRC P2603.5 – Pipes through footings or foundation walls
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-5	IRC P2603.6 – Pipes protected from freezing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-6	IRC P2604.4 and IRC Figure P2604.4 – Trenching and backfilling
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-7	IRC P2605 and IRC Table 2605.1 – Piping support
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-8	IRC P2608 – Pipes, pipe fittings, traps, etc are listed, installed, and certified
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-9	IRC P2803.6.1 – Discharge pipe of water heater relief valves
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-10	IRC P2902.3.3 – Hose connections
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-11	IRC P2903.9.1 – Service valves
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-12	IRC P2903.9.3 – Valve requirements
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-13	IRC P2904.2 – Lead content
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-14	IRC P2904.4, IRC Table P2904.4.1 – Standards for water service pipe
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-15	IRC P2904.4.1 – Water service installation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-16	IRC P2904.5 and IRC Table P2904.5 – Standards for water-distribution pipe
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-17	IRC P2904.6 through IRC P2904.17 – Pipe fittings and connections
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-18	IRC P3001.2 – Protection from freezing
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-19	IRC P3002, IRC Table P3002.1, IRC Table P3002.2 – DWV materials
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-20	IRC P3003 – DWV joints and connections
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-21	IRC P3005.1 – Drainage fittings and connections
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-22	IRC P3005.2.1 – Drainage pipe cleanouts
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-23	IRC P3005.3 – Horizontal drainage piping slope
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	P-24	IRC P2503.5.2 and P2503.6 through P2503.8 - Testing
GAS				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-1	Gas piping in accordance with approved details or unique engineered details
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-2	IRC G2404.3 – Appliances listed and labeled
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-3	IRC G2404.6 – Wind resistance
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-4	IRC G2406.3 – Outdoor locations
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-5	IRC G2408.1 – Equipment and appliances installed in accordance with listing, manufacturer's installation instructions and code
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-6	IRC G2408.2 – Elevation of ignition source
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-7	IRC G2408.4 – Clearances from grade
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-8	IRC G2408.5 – Clearances to combustibile construction
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-9	IRC G2414 – Piping materials
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-10	IRC G2415.3 – Piping in concealed locations
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	G-11	IRC G2415.4 – Piping through foundation walls

