



TEXAS DEPARTMENT OF LICENSING & REGULATION

P.O. Box 12157 • Austin TX 78711-2157
 (512) 539-5735 • (800) 803-9202 • FAX (512) 539-5736
 ihbtech@tdlr.texas.gov • www.tdlr.texas.gov

Residential Energy Inspection Summary Sheet

A. Inspection Date: _____

Inspector Reg. #IHI- _____

Manufacturer Reg. #IHM- _____

B. What energy compliance checklist is used for inspections by the manufacturer's compliance control personnel? Check the one that applies
 REScheck Compliance Checklist Custom Checklist No energy compliance checklist
 (If no energy compliance checklist is checked, then note as a deviation)

C. The following checklist is for use only by Texas approved third party inspectors for in-plant inspections of industrialized housing. This checklist cannot be used by a manufacturer as the energy compliance checklist required by §70.70 of the IHB rules.

This checklist does not constitute a complete checklist of all energy compliance requirements. See the manufacturer's energy compliance checklist for other requirements that may not be covered here.

For the purposes of this code, a residential building includes detached one- and two-family dwellings and multiple single-family dwellings (townhouses) as well as Group R-2, R-3 and R-4 buildings three stories or less in height above grade plane.

Compliance Features (All code references are to the 2015 IECC)	Unit ID Number	Value Required	Value Verified	Complies	
				Yes	No
1. General – Section R401					
Compliance certificate installed, signed and correct (R401.3)					
2. Building Thermal Envelope – Section R402					
Exterior door U-factors (Table R402.1.2 or energy compliance checklist)					
Glazing U-factors (Table R402.1.2 or energy compliance checklist)					
Glazing SHGC (Table R402.1.2 or energy compliance checklist)					
Windows & doors bear label showing the U-factors, SHGC, air leakage & VT (R303.1.3)					
Roof/ceiling R-value (Table R402.1.2 or energy compliance checklist)					
Wall R-value (Table R402.1.2 or energy compliance checklist)					
Floor R-value (Table R402.1.2 or energy compliance checklist)					
Insulation marked as required by code, blown-in markers installed, spray foam certification provided from installer (R303.1)					
Eave baffles installed when air-permeable insulation is used in roof (R402.2.3)					
Attic access hatch and door (R402.2.4 and Technical Bulletin - IHB TB 08-02)					
Floor cavity insulation in contact with the underside of the floor decking (R402.2.8)					
Fenestration U-factor; area-weighted (R402.3.1 or energy compliance checklist)					
Glazed fenestration SHGC; area-weighted (R402.3.2 or energy compliance checklist)					
Air leakage, installation of components (R402.4.1.1 and Table R402.4.1.1)					
Recessed lighting: listed IC-rated & labeled as meeting air leakage requirements (R402.4.5)					
3. Systems – Section R403					
Programmable thermostat (R403.1.1)					
HVAC supply and return duct insulation (R403.3.1)					
HVAC supply and return duct sealing (R403.3.2)					
Mechanical system piping insulated to minimum of R-3 (R403.4)					
Service hot water systems; water circulation, heat trace & demand recirculation systems (R403.5)					
Hot water pipe insulation; if insulation is required, minimum of R-3 (R403.5.3)					
Ventilation per IRC as applicable (R403.6)					
Heating equipment sizing (R403.7)					
Heating equipment efficiency rating (R403.7)					
Air conditioner equipment efficiency rating (R403.7)					
Air conditioner equipment sizing – sized per heat loss calculations (R403.7)					

Residential Energy Inspection Summary Sheet

A.

Inspection Date: _____

Inspector Reg. #IHI-_____

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C. Checklist Continued

Compliance Features (All code references are to the 2015 IECC)	Unit ID Number	Value Required	Value Verified	Complies	
				Yes	No
4. Electrical Power and Lighting Systems – Section R404					
Lighting equipment, 75% of lamps shall be high-efficacy (R404.1)					

D. Notes