



## Energy Inspection Summary Sheet

**A.** Inspection Date: \_\_\_\_\_  
 Inspector Reg. #IHI- \_\_\_\_\_ Manufacturer Reg. #IHM- \_\_\_\_\_

**B. Which Energy Compliance Checklist is used for inspections by the manufacturer’s compliance control personnel?**

- RESCheck Compliance Checklist – approved for design
- COMCheck Compliance Checklist – approved for design
- Custom Checklist – Must match approved energy checklist in manual
- No energy compliance checklist – Document as a deviation

**C. The following checklist is for use only by Texas approved third party inspectors for in-plant inspections of industrialized housing and buildings. This checklist cannot be used by a manufacturer as the energy compliance checklist required by §70.70(c)(8) of the Industrialized Housing and Buildings rules.**

The checklist is based on the requirements of the IECC. Note that not all requirements may be applicable for buildings designed in accordance with ASHRAE 90.1.

Compliance Features	Meets	Doesn't Meet
<b>1. Insulation (R-values labeled as certified – must meet or exceed required)</b>		
Wall Insulation		
Floor insulation (over unconditioned spaces or crawl spaces)		
Roof assembly insulation		
Duct insulation		
<b>2. Window and Door Requirements (Labeled as certified or default per code – must be no greater than required per approved documents)</b>		
Windows and glazed doors U-factor		
Windows and glazed doors SHGC (Area weighted average for residential cannot exceed 0.4 for zones 2.1, 2.2, 3.1, 3.2, and 3.3)		
<b>3. Envelope Requirements</b>		
All joints and penetrations are caulked, gasketed, weatherstripped, or otherwise sealed in an approved manner.		
Duct connections properly sealed with UL 181 labeled mastic or tape (no duct tape allowed)		
Recessed lighting fixtures gasketed and IC rated		
Windows and doors certified as meeting leakage requirements		
<b>4. Equipment Requirements (Equipment efficiency ratings must meet or exceed current NAECA standards)</b>		
Water heater efficiency rating		
Heat pump efficiency rating		
Air conditioner efficiency rating		
Furnace efficiency rating		
Water heater has integral heat trap or is provided with heat trap (commercial).		
HVAC refrigerant lines insulated.		
One temperature control per HVAC system, programmable for commercial buildings. Controls have 5 degree F deadband.		
Pipes of circulating hot water heaters insulated. First 8 feet of piping in non-circulating water heaters without integral heat traps insulated.		

**Energy Inspection Summary Sheet (continued)**

A.

Inspection Date: \_\_\_\_\_

Manufacturer Reg. #IHM- \_\_\_\_\_

**C. Checklist continued**

Compliance Features	Meets	Doesn't Meet
<b>4. Equipment Requirements (Equipment efficiency ratings must meet or exceed current NAECA standards) continued</b>		
Water heater has setpoint of 110 degrees F if serving dwelling unit, 90 degree F if serving other occupancies.		
Automatic circulating hot water systems or heat trace have time switches capable of being set to turn system off.		
<b>5. Lighting Requirements (Commercial Only)</b>		
Wattage of interior light fixtures does not exceed wattage required to comply with COMcheck or Table 505.5.2 of the IECC.		
Independent controls for each space (switch/occupancy sensor). Exceptions – security lighting, building lobby, retail store, mall.		
At least one manual control per area located so that occupants can see area controlled by switch, or switch indicates that lights are on or off, or occupant-sensing sensor.		
Two switches, dimmer, or occupancy sensor in each space. Exceptions – only one luminaire in space; or area is corridor, storage, restroom, or lobby.		
Photocell/astronomical time switch on exterior lights.		
Tandem wired one-lamp and three-lamp ballasted luminaires. Exceptions – Electronic high-frequency ballasted luminaires not on same switch; emergency circuits; no available pair in same area.		
Exterior lighting wattages do not exceed wattage required to comply with COMcheck or Table 505.6.2 of the IECC.		

**The inspector shall document all items that do not meet compliance for the energy design on the deviation report form.**

**D. If any of the items on the checklist in part C of this form are not applicable, then please document reasons in the space below.**

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