



TEXAS DEPARTMENT OF LICENSING AND REGULATION
Regulatory Program Management - Industrialized Housing & Buildings Program
 P.O. Box 12157 Austin, Texas 78711 (512) 539-5735 • (800) 803-9202 • FAX (512) 539-5736

Internet Address: www.tdlr.texas.gov • Email Address: ihbtech@tdlr.texas.gov

Commercial 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 one.
 COMcheck Compliance Checklist, Custom Checklist, No energy compliance checklist
 (If no energy compliance checklist is checked 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 and buildings. This checklist cannot be used by a manufacturer as the energy compliance checklist required by §70.70 of the IHB rules.

All code references are to the IECC. 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. Not all requirements may be applicable for buildings designed in accordance with ASHRAE 90.1.

****If the thermal assemblies (roof, wall and floor) are justified with testing or calculations, verify that the assembly is constructed per the approved calculations or testing.**

Compliance Features (All code references are to the 2015 IECC)	Unit ID Number	Value Required	Value Verified	Complies	
				Yes	No
1. Building Thermal Envelope – Section C402					
Roof/ceiling R-value or U-factor ** (Tables in C402.1 or energy compliance checklist)				<input type="checkbox"/>	<input type="checkbox"/>
Wall R-value or U-factor ** (Tables in C402.1 or energy compliance checklist)				<input type="checkbox"/>	<input type="checkbox"/>
Floor R-value or U-factor ** (Tables in C402.1 or energy compliance checklist)				<input type="checkbox"/>	<input type="checkbox"/>
Multiple layers of continuous insulation, joints offset (C402.2.1)				<input type="checkbox"/>	<input type="checkbox"/>
Insulation not installed on a suspended ceiling, not part of building envelope (C402.2.2)				<input type="checkbox"/>	<input type="checkbox"/>
Floor cavity insulation in contact with the underside of the floor decking (C402.2.4)				<input type="checkbox"/>	<input type="checkbox"/>
Insulation marked as required by code, blown-in markers installed, spray foam certification provided from installer (C303.1)				<input type="checkbox"/>	<input type="checkbox"/>
Roof solar reflectance/thermal emittance (low sloped roofs 2/12 or less) (C402.3)				<input type="checkbox"/>	<input type="checkbox"/>
Fenestration U-Factor and SGHC (C402.4.3 or energy compliance checklist)				<input type="checkbox"/>	<input type="checkbox"/>
Windows & doors bear label showing the U-factors, SHGC, air leakage & VT (C303.1.3)				<input type="checkbox"/>	<input type="checkbox"/>
Air leakage of fenestration (C402.5.2)				<input type="checkbox"/>	<input type="checkbox"/>
Continuous air barrier provided throughout the building thermal envelope (C402.5.1)				<input type="checkbox"/>	<input type="checkbox"/>
Air barrier construction and materials (C402.5.1.1 & C402.5.1.2)				<input type="checkbox"/>	<input type="checkbox"/>
Access openings weather-stripped or sealed (C402.5.4)				<input type="checkbox"/>	<input type="checkbox"/>
Recessed lighting IC-rated, listed air leakage rate, and gasketed or caulked (C402.5.8)		Max 2.0 cfm		<input type="checkbox"/>	<input type="checkbox"/>
2. Building Mechanical Systems – Section C403					
Equipment sizing – heating equip. output capacity not greater than designs (C403.2.2)				<input type="checkbox"/>	<input type="checkbox"/>
Equipment sizing – cooling equip. output capacity not greater than designs (C403.2.2)				<input type="checkbox"/>	<input type="checkbox"/>
Exception 1 – Required standby equipment & systems provided with controls to operate automatically ONLY when primary equipment is not operating				<input type="checkbox"/>	<input type="checkbox"/>
Exception 2 – Multiple units of same type and capacity provided with controls to sequence the operation of units based on load				<input type="checkbox"/>	<input type="checkbox"/>
HVAC equipment performance -- efficiency requirements (C403.2.3)				<input type="checkbox"/>	<input type="checkbox"/>
HVAC system controls provided with programmable thermostats (C403.2.4)				<input type="checkbox"/>	<input type="checkbox"/>
Energy recovery ventilation (ERV) system required, sized properly (403.2.7)				<input type="checkbox"/>	<input type="checkbox"/>
Kitchen exhaust system: replacement air sized correctly (403.2.8)				<input type="checkbox"/>	<input type="checkbox"/>
Duct and plenum insulation and sealing (C403.2.9)				<input type="checkbox"/>	<input type="checkbox"/>
Mechanical system piping insulation and protection (C403.2.1 & Table C403.2.10)				<input type="checkbox"/>	<input type="checkbox"/>
Refrigeration equipment performance – efficiency requirements (403.2.14)				<input type="checkbox"/>	<input type="checkbox"/>
Economizer installed where required (C403.3)				<input type="checkbox"/>	<input type="checkbox"/>

