



# 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

## 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
<b>1. Building Thermal Envelope – Section C402</b>					
Roof/ceiling R-value or U-factor ** (Tables in C402.1 or energy compliance checklist)					
Wall R-value or U-factor ** (Tables in C402.1 or energy compliance checklist)					
Floor R-value or U-factor ** (Tables in C402.1 or energy compliance checklist)					
Multiple layers of continuous insulation, joints offset (C402.2.1)					
Insulation not installed on a suspended ceiling, not part of building envelope (C402.2.2)					
Floor cavity insulation in contact with the underside of the floor decking (C402.2.4)					
Insulation marked as required by code, blown-in markers installed, spray foam certification provided from installer (C303.1)					
Roof solar reflectance/thermal emittance (low sloped roofs 2/12 or less) (C402.3)					
Fenestration U-Factor and SGHC (C402.4.3 or energy compliance checklist)					
Windows & doors bear label showing the U-factors, SHGC, air leakage & VT (C303.1.3)					
Air leakage of fenestration (C402.5.2)					
Continuous air barrier provided throughout the building thermal envelope (C402.5.1)					
Air barrier construction and materials (C402.5.1.1 & C402.5.1.2)					
Access openings weather-stripped or sealed (C402.5.4)					
Recessed lighting IC-rated, listed air leakage rate, and gasketed or caulked (C402.5.8)		Max 2.0 cfm			
<b>2. Building Mechanical Systems – Section C403</b>					
Equipment sizing – heating equip. output capacity not greater than designs (C403.2.2)					
Equipment sizing – cooling equip. output capacity not greater than designs (C403.2.2)					
Exception 1 – Required standby equipment & systems provided with controls to operate automatically ONLY when primary equipment is not operating					
Exception 2 – Multiple units of same type and capacity provided with controls to sequence the operation of units based on load					
HVAC equipment performance -- efficiency requirements (C403.2.3)					
HVAC system controls provided with programmable thermostats (C403.2.4)					
Energy recovery ventilation (ERV) system required, sized properly (403.2.7)					
Kitchen exhaust system: replacement air sized correctly (403.2.8)					
Duct and plenum insulation and sealing (C403.2.9)					
Mechanical system piping insulation and protection (C403.2.1 & Table C403.2.10)					
Refrigeration equipment performance – efficiency requirements (403.2.14)					
Economizer installed where required (C403.3)					

