Texas Building Energy Code Compliance Form For Residential Buildings in Unincorporated Areas

Texas law, Ch. 388, Subtitle C, Title 5, Health and Safety Code, requires a new residential structure to comply with the Texas Building Energy Performance Standards, currently based on the 2009 International Residential Code (IRC) and the 2009 International Energy Conservation Code (IECC). This form can be used to document compliance outside of a municipal jurisdiction. A copy of this form should be given to the homeowner for their records.

New Construction Address or Legal Description: _________________________________
City ___________________________ Zip ___________ County: _______________
Builder Name: ________________________________
Builder Address: ________________________________

This residence is (select only one of the following options):
__ 1. Certified by an accredited energy efficiency program
   Complete Part A. Certification Information below and attach copy of certification documents; or

__ 2. Inspected by a code-certified inspector and determined to meet or exceed the minimum requirements.
   Complete Part B. Inspection Information below, attach inspection documents; or

__ 3. Self-certified by the builder to meet or exceed minimum requirements.

Part A. Certification Information:
Attach copy of certificate and rating checklist.

Name of certifying program: ________________________________
Program Sponsor/Agency: ___________________________ Certificate Number ________________
Project Rating or Home Energy Rating System Score: __________
Is rating based on performance testing of this project? Yes _____ No _____
Rater name/address: ________________________________
Rater certified by: ___________________________ Certification number: ________________
Rater signature: ___________________________ Date: ________________

Part B. Inspection Information:
Attach a signed and dated copy of inspection checklist.

Inspector name/address: ________________________________
Inspector certified as Residential Energy Plan Examiner/Inspector by __________________________
Certification number __________ Inspector signature __________________________ Date: ________________
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Part C. Self - Certification Form

Compliance Features | Maximum Value | Minimum Value | Installed Value | Meets | Exceeds
--- | --- | --- | --- | --- | ---
   - Wall Insulation
   - Floor Insulation (over unconditioned spaces or crawl spaces)
   - Attic / Ceiling Insulation
   - Duct Insulation (supply outside the thermal envelope)
   - Duct Insulation (all other supply & return)

   - Window and Glazed Doors U-factor
   - Window and Glazed Doors SHGC*
   - Exterior doors (opaque) U-Factor

3. HVAC Equipment (Equipment efficiency ratings must meet or exceed current NAECA standards)
   - Water heater (NAECA std. or 80% thermal efficiency)
   - Heat pump
   - Air conditioner
   - Furnace

4. Construction Requirements
   - Air-tight recessed lights (ASTM E 283)
   - Sealed penetrations/gaps/holes. Duct connections must be properly sealed with mastic or UL 181 labeled tape at boots and joints (duct tape not allowed), and tested.
   - Caulking and weather-stripping must be properly installed; all holes, gaps and cracks properly sealed; recessed lights sealed (visually inspected or tested.)
   - Showerhead flow rate of 2.5 gal. per minute or less.
   - Insulate hot water pipes and HVAC refrigerant lines.
   - Programmable thermostat for each HVAC unit or dwelling unit.
   - Electric meter for each unit in duplex or multi-family units.
   - HVAC contractor provided calculations showing equipment correctly sized and provided preventive maintenance manuals (ACCA Manuals S, J and D).

* SHGC - Solar Heat Gain Coefficient. For most of Texas (Climate Zones 2 & 3), the area-weighted average of all windows and glazed doors must not exceed 0.25. The remainder of the state (Climate Zone 4) must not exceed 0.40.

Builder Self-Certification:

I, ________________________________, certify that all of the above information is correct and that the construction at the New Construction Address shown meets or exceeds the Texas Building Energy Performance Standards.

Builder name/address: ____________________________________________________________

Builder signature: ____________________________ Date: ________________