



Department of Development Services
Building Safety (Effective 9.1.2021)

**City of Denton Texas 2015/2018 IECC
Residential
Energy Compliance Certificate Path**

PROVIDE THIS FORM AT PERMIT SUBMITTAL

Permit Address: _____
Testing Company: _____ **Phone #:** _____

R401.2 – Projects shall comply with one of the following:

Option 1A – Prescriptive: Sections R401 through R404:

R402 Building Thermal Envelope [Using table R402.1.2) Insulation and Fenestration requirements by component]
R403 Systems
R404 Electrical Power and Lighting Systems (Mandatory)

Option 1B – Prescriptive Using REScheck UA Approach Only: Sections R401 through R404

R402 Building Thermal Envelope
R403 Systems
R404 Electrical Power and Lighting Systems (Mandatory)

Option 2 – Performance Approach: Section R405

As-Built Report Required (Attach to final testing report)

Option 3 – ENERGY STAR Certified Home (attach certificate to final testing report)

Option 4 – Energy Rating Index Compliance Alternative: Section R406 2018 IECC (max rating: 63) All Mandatory provisions of Section 406.2 of the 2018 IECC apply.

Minimum envelope requirements \geq Table R402.1.1 or R402.1.3 of the 2009 IECC

Option 5 – ESL 4ACH Tradeoff Code Equivalency Compliance*

Envelope Component	<input type="checkbox"/> Option 5A	<input type="checkbox"/> Option 5B
Air Leakage	\leq 4ACH	\leq 4ACH
Wall Insulation Value**	R20 or R13+R5	R20 or R13+R5
Fenestration U-factor/SHGC	\leq 0.32/0.25	\leq 0.32/0.25
Ceiling R-value	\leq R49	\leq R49
Duct Insulation	R8	R6
Radiant Barrier Required	No	Yes
*Except for the values listed in the table, all other mandatory code provisions are applicable.		
**First value is cavity insulation, second is continuous insulation or insulated siding.		

I certify that I have reviewed the construction documents including, but not necessarily limited to, insulation materials and R-values; fenestration U-factors and SHGC values; area-weighted average U-factor and SHGC calculations; mechanical system design criteria; mechanical and service water heating system and equipment types, sizes and efficiencies; equipment and systems controls; duct sealing, duct and piping insulation and location; and air sealing details; and that the project as designed satisfies the minimum requirements for the compliance approach selected above including the 2015 IECC and the Texas State mandated 2018 IECC requirements for ERI compliance path.

Print Name: _____ **Certification Number:** _____

Energy Rater/Preparer Company: _____

Signature of Energy Rater/Preparer: _____ **Date:** _____

ATTACH THE APPLICABLE COMPLIANCE REPORT