



Residential Energy Compliance Path Energy Code Requirements of the 2018 IECC

Submit with application for building permit.

Project Address: _____

2018 IECC Section R401.2 – Projects shall comply with one of the following (including local amendments):

___ Option 1(a) – Prescriptive: Sections R401.3 through R404

- R402 Building Thermal Envelope (R402.1.3 INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT)
- R403 Systems
- R404 Electrical Power and Lighting Systems (Mandatory)
- Plus all mandatory provisions

___ Option 1(b) – Prescriptive-Using REScheck™ Total UA approach Only: Sections R401.3 through R404

- R402 Building Thermal Envelope
- R403 Systems
- R404 Electrical Power and Lighting Systems (Mandatory)
- Plus all mandatory provisions

___ Option 2 – Section R405 Performance Approach Plus all mandatory provisions R402 Building Thermal Envelope

___ Option 3 – ENERGY STAR Certified Homes® Plus all mandatory provisions

___ Option 4 – Section R406 Energy Rating Index Compliance Alternative

Minimum envelope requirements per R406.3 of 2018 IECC – Plus all mandatory provisions (Table R406.2)

Max ERI rating: 63 until date of 8/31/22;
Max ERI rating: 57 from 9/1/25 until 8/31/28;

Max ERI rating: 59 from 9/1/22 until 8/31/25;
Max ERI rating: 55 on and after 9/1/28

___ Option 5 – Home Energy Rating System Index (HERS®) per ANSI/RESNET/ICC 301-2019 (87(R) HB 3215)

Minimum envelope requirements per R406.3 of 2021 IECC – Plus all mandatory provisions (Table R406.2)

R406.2 - 2018 IECC mandatory provisions

Max ERI rating: 63 until 8/31/22;
Max ERI rating: 57 from 9/1/25 until 8/31/28;

Max ERI rating: 59 from 9/1/22 until 8/31/25;
Max ERI rating: 55 on and after 9/1/28

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 system 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 and the Texas State mandated IECC requirements for ERI compliance path.

Agency and Certification Number: _____

Signature of Responsible Party: _____

Printed Name and Title of Responsible Party: _____