



Department of Planning Services
Building Inspection Division
1402 N 17 Ave, Greeley, CO 80631
(970) 400-6100

2024 IECC Residential Energy Code Compliance Form

Parcel: _____ Owner: _____

Direction: Place an X next to Prescriptive, TC, SPA or ERI indicating the path chosen.

 (A) Prescriptive compliance for residential construction, 2024 IECC, Table R402.1.3, Climate Zone 5

Building Envelope	Insulation R-Value
Roof Insulation in attic	R-49
Roof rafter insulation (not to exceed 500 sq ft)	R-30
Wood frame wall insulation	R-30 or R-20+R-5ci or R-13+R-10ci or R-20ci (ci = continuous insulation)
Crawlspace wall	R-15ci or R-19 or R-13+R-5ci
Wood Floor (over unconditioned space)	R-30 or R-19+R-7.5ci or R-20ci
Basement walls	R-15ci or R-19 or R-13+R-5ci
Slab edge insulation (slab on grade foundations)	Heated= R-10ci, 3ft + R-5 Full Slab Unheated= R-10ci, 3ft
Windows	U-.30

 (B) Component Performance Alternative (REScheck), 2024 IECC, Section R402.1.5

Submit a REScheck demonstrating compliance with the TC compliance calculation form using 2024 IECC. The TC compliance form must be submitted at time of application and must include either address/legal description or parcel number, and name of individual completing the compliance form. In addition to the TC compliance, the SHGC requirements of table R402.1.2 and the maximum fenestration U-factors of section R402.6 shall be met.

 (C) Simulated Performance Alternative, 2024 IECC, Section R405

A Simulated building performance analysis/compliance shall be submitted at the time of application. A compliance report in accordance with section R405.5.4.1 shall be submitted with the application. A compliance report in accordance with section R405.5.4.2 shall be submitted before a CO is issued. Performance calculations shall be in accordance with sections R405.4.1, R405.4.2 and R405.4.3. Software tools shall follow the guidelines in R405.5.

 (D) Energy Rating Index (ERI) Compliance Alternative , 2024 IECC, Section R406

An energy rating system must be utilized using approved and current software tools as outlined in R406.7. A preliminary/projected rating ERI analysis must be submitted and shown to have a ERI index that is specific to climate zone 5 (found in 2024 IECC table R406.5). Where renewable energy power production is included in the calculation of the ERI, documentation shall comply with section R406.7.

Contractor: _____ Date: _____

Signature: _____ Date: _____