



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

2018 IECC Residential Energy Code Compliance Form

Permit #: _____ Site Address _____

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

An Air Tightness Blower Door Test is required of all paths and must be equal to or less than 3 ACH50.

____ (A) Prescriptive compliance for residential construction, 2018 IECC, Table R402.1.2, 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-20 or R-13+R5ci* (ci* = continuous insulation)
Crawlspace wall	R-15ci*/R-19
Wood Floor (over unconditioned space)	R-30
Basement walls	R-15ci*/R-19
Slab edge insulation (slab on grade foundations)	R-10 (top of slab to 24" below grade)
Windows	U-.30

____ (B) Total UA Alternative (REScheck), 2018 IECC, Section R402.1.5

Submit a passing UA Calculation (REScheck) using 2018 IECC. The rating must be submitted at time of application and must include either address/legal description or parcel number, name of individual completing the rating form, name and version of software tool (i.e. Rescheck).

____ (C) Simulated Performance Alternative, 2018 IECC, Section R405

An energy rating system (HERS rating) must be utilized using an approved and current software tools such as REM/Rate, Ekotrope or EnergyGauge. A preliminary/projected rating passing 2018 IECC must be submitted at time of application. Rating must include address, name of certified Energy Rater and version of software. Final ratings require a blower door test, must include the home energy rating certificate and must be submitted prior to final building inspection.

____ (D) Energy Rating Index (ERI) Compliance Alternative, 2018 IECC, Section R406

An energy rating system must be utilized using approved and current software tools such as REM/Rate, Ekotrope or EnergyGauge. A preliminary/projected rating ERI analysis must be submitted and shown to have a ERI index of less than or equal to 61. This is specific to climate zone 5 (found in 2018 IECC table R406.4).

Applicant: _____

Date: _____

Signature: _____

Date: _____