



updated 11-10-2011

Planning, Development & Transportation Services
Community Development & Neighborhood Services

2012 FORT COLLINS RESIDENTIAL ENERGY CODE COMPLIANCE FORM
FORM 1 - NON-ELECTRIC HEAT (If using elec heat form 3 must be used), use this form for single family houses, duplex, townhouses, or multi-family up to 3 stories.

Permit Number:

Address:

DIRECTIONS: Place a check next to Prescriptive, UA, or SPA indicating the path chosen. Next, circle the method within that path you intend to follow. If choosing prescriptive or UA, the applicant must also choose between Air sealing or Blower Door Test.

(A) PRESCRIPTIVE compliance for house, 2009 IRC, section N1102.1, climate zone 5.

| BUILDING ENVELOPE | INSULATION R-VALUE |
|--------------------------------|---------------------------|
| Wood frame wall insul r-value | R-20 or 13+5ci |
| Metal frame wall insul r-value | R-13+9ci or R-19+8 |
| Crawl space wall | R-13 or R-10ci |
| Roof insulation in attic | R-38 |
| Roof rafter insulation | R-30 |
| Walls below grade | R-13 / R-10ci |
| Wood floor over un-cond | R-30 |
| Slab on grade floor, unheat | R-10, 24" DEEP |
| Windows | U-.35 |

(B) TOTAL UA ALTERNATIVE (ResCheck), 2009 IRC, SECTION N1102.1.3

Submit a passing UA calculation (i.e. ResCheck) using 2009 IRC/IECC. The rating must be submitted at time of application and must include address of residence; name of individual completing the rating form; name & version of software tool (i.e. ResCheck). Air Sealing Checklist or Blower Door Test is required.

Circle one for either method above: Air Sealing (visual inspection) Blower Door Test

(C) SIMULATED PERFORMANCE ALTERNATIVE, 2009 IECC, SECTION 405

An energy rating system must be utilized using approved computer software tool such as the new modified Fort Collins version of RemRate. A preliminary rating passing the 2009 IECC must be submitted at time of application. Rating must include Address, Name of individual completing the rating, & Name & version of software tool. Final rating requires a blower door test. Final passing rating must be submitted for certificate of occupancy.

SIGN:

DATE:

CONTRACTOR:

PHONE: