



updated 2-4-2015

**Planning, Development & Transportation Services
Community Development & Neighborhood Services**

2012 IRC - FORT COLLINS RESIDENTIAL ENERGY CODE COMPLIANCE FORM

FORM 1 - Use this form for single family houses, duplex, townhouses, or multi-family up to 3 stories.

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| Permit Number: |
| Address: |

DIRECTIONS: Place a check next to Prescriptive, UA, or SPA indicating the path chosen. An air tightness Blower Door Test is required and must pass a 3 ACH leakage max. Electrically heated buildings are required to use the prescriptive path (A).

| (A) PRESCRIPTIVE compliance for house, 2012 IRC, section N1102.1, climate zone 5. | | |
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| BUILDING ENVELOPE | INSULATION R-VALUE | ELECTRICALLY HEAT R-VALUE |
| Roof insulation in attic | R-49 | R-49 |
| Roof rafter insulation | R-30 | R-30 |
| Wood frame wall insul r-value | R-20 or 13+5ci | R-20+5ci |
| Crawl space wall | R-15/19 | R-15/19 |
| Wood floor over un-cond | R-30 | R-30 |
| Walls below grade | R-15/19 or (R-10/13 w/ R-15 spray foam at rim joist) | R-15/19 |
| Slab on grade floor, unheat | R-10, 24" DEEP | R-10, 48" DEEP |
| Windows | U-0.32 | U-0.30 |

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| (B) TOTAL UA ALTERNATIVE (ResCheck), 2012 IRC, SECTION N1102.1.4 |
| Submit a passing UA calculation (i.e. ResCheck) using 2012 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). |

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| (C) SIMULATED PERFORMANCE ALTERNATIVE, 2012 IECC, SECTION R405 |
| An energy rating system must be utilized using approved computer software tool such as RemRate. A preliminary rating passing the 2012 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. |

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| SIGN: | DATE: |
| CONTRACTOR: | PHONE: |