

### CF1R – Certificates of Compliance

- **CF1R-ALT-01:** Used to demonstrate compliance for non-HVAC alterations (roof, windows, walls, etc.)
- **CF1R-ALT-02:** Used to demonstrate compliance for HVAC alterations. (change-outs, cut ins, re- ducts, etc.)
- **CF1R-ALT-03/04:** Paper versions of CF1R-ALT-02. Will eventually need to be registered as CF1R-ALT-02.
- **CF1R-ADD-01-E:** Used when the *prescriptive* approach is used to demonstrate compliance for additions less than or equal to 1000 square feet. See example in Appendix.
- **CF1R-NCB-01-E:** Used when the *prescriptive* approach is used to demonstrate compliance for newly constructed homes and additions over 1000 square feet.
- **CF1R-PRF-01-E:** Used when the *performance* approach is used to demonstrate compliance for any kind of project.

### CF-2R – Certificates of Installation – Non-HERS Measures (-E)

- CF2R-ENV-01-E: fenestration (windows, skylights, etc.)
- CF2R-ENV-02-E: air sealing features (weather stripping, caulking, backdraft dampers, etc.)
- CF2R-ENV-03-E: insulation
- CF2R-ENV-04-E: roofing products
- CF2R-LTG-01-E: lighting features
- CF2R-MCH-01-E: mechanical systems (HVAC)
- CF2R-MCH-02-E: whole house fan
- CF2R-MCH-04-E: evaporative coolers
- CF2R-PLB-01-E: Multi-family central hot water distribution systems
- CF2R-PLB-02-E: Single-family central hot water distribution systems
- CF2R-PLB-03-E: Pool and spa heating systems

### CF-2R – Certificates of Installation – HERS Measures (-H)

- CF2R-ENV-20-H: Envelope air leakage (blower door test)
- CF2R-ENV-21-H: QII Framing Stage (batt, loose fill, etc.)
- CF2R-ENV-22-H: QII Ceiling Air Barrier
- CF2R-ENV-23-H: QII Insulation Stage
- CF2R-ENV-24-H: QII Framing Stage (SIP & ICF)
- CF2R-MCH-20-H: sealed ducts\*
- CF2R-MCH-21-H: Supply duct location verification
- CF2R-MCH-22-H: HVAC system fan efficacy (fan watt draw)\*
- CF2R-MCH-23-H: HVAC system fan airflow\*
- CF2R-MCH-24-H: Blower door, when infiltration used to meet whole house ventilation
- CF2R-MCH-25-H: HVAC system refrigerant charge\*
- CF2R-MCH-26-H: Rated system verification (High SEER/EER)
- CF2R-MCH-27-H: ventilation to the ASHRAE 62.2 standard\*
- CF2R-MCH-28-H: Return Duct sizing table verification (alternative to airflow/Fan watt draw test)
- CF2R-MCH-29-H: Supply duct surface are and buried ducts verification
- CF2R-PLB-21-H: Multi-family central hot water distribution systems
- CF2R-PLB-22-H: Single-family central hot water distribution systems

\* These are the most common HERS forms.

For each **CF2R-XXX-##-H** there is a corresponding **CF3R-XXX-##-H**, Certificate of Verification  
The HERS registry will make sure the correct HERS documents (CF2R and CF3R) get used and completed.