

# **PRESCRIPTIVE RESIDENTIAL ALTERATIONS THAT DO NOT REQUIRE ECC FIELD VERIFICATION**



**CALIFORNIA ENERGY COMMISSION**

**CEC-CF1R-ALT-05-E**

## **CERTIFICATE OF COMPLIANCE**

<b>Project Name:</b>	<b>Enforcement Agency:</b>
<b>Dwelling Address:</b>	<b>Permit Number:</b>
<b>City and Zip Code:</b>	<b>Permit Application Date:</b>

*This compliance document is only applicable to simple alterations that do not require field verification for compliance. When field verification is required, a CF1R-ALT-01 shall first be registered with a ECC-Provider Data Registry.*

*Alterations to Space Conditioning Systems that are exempt from field verification requirements may use the CF1R-ALT-05 and CF2R-ALT-05 Compliance Documents. Possible exemptions from duct leakage testing include: less than 25 feet (ft) of ducts were added or replaced; or the existing duct system was insulated with asbestos; or the existing duct system was previously tested and passed by a ECC Rater. If space conditioning systems are altered and are not exempt from field verification, then a CF1R-ALT-02 must be completed and registered with a ECC Provider Data Registry.*

*Alterations that utilize closed cell Spray Polyurethane Foam (ccSPF) with a density of 1.5 to less than 2.5 pounds per cubic foot having an R-value greater than 5.8 per inch, or open cell Spray Polyurethane Foam (ocSPF) with a density of 0.4 to less than 1.5 pounds per cubic foot having an R-value of 3.6 per inch, shall complete and register a CF1R-ALT-01 with a ECC-Provider Data Registry.*

*If more than one person has responsibility for installation of the items on this certificate, each person shall prepare and sign a certificate applicable to the portion of construction for which they are responsible. Alternatively, the person with chief responsibility for construction shall prepare and sign this certificate for the entire construction. All applicable Mandatory Measures shall be met. Temporary labels shall not be removed before verification by the building inspector.*

# PRESCRIPTIVE RESIDENTIAL ALTERATIONS THAT DO NOT REQUIRE JECC FIELD VERIFICATION



CALIFORNIA ENERGY COMMISSION

CEC-CF1R-ALT-05-E

## A. General Information

Field	Field Name	Data Entry
01	Project Name	
02	Date Prepared	
03	Project Location	
04	Building Front Orientation (deg or cardinal)	
05	CA City	
06	Number of Altered Dwelling Units	
07	Zip Code	
08	Fuel Type	
09	Climate Zone	
10	Total Conditioned Floor Area (ft <sup>2</sup> )	
11	Building Type	Single Family
12	Slab Area (ft <sup>2</sup> )	
13	Project Scope	<p>Select as many as are applicable from the list:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Insulation (tables B, C &amp; D)</li> <li><input type="checkbox"/> Roof Replacement &gt;50% (table E &amp; B)</li> <li><input type="checkbox"/> Space Heating System (Table J)</li> <li><input type="checkbox"/> Space Cooling System (Table J)</li> <li><input type="checkbox"/> Space Conditioning Duct System (Table J)</li> <li><input type="checkbox"/> Water Heating (Table K)</li> <li><input type="checkbox"/> Adding Fenestration/Glazing (Tables F &amp; G)</li> <li><input type="checkbox"/> Adding Fenestration/Glazing ≤16 ft<sup>2</sup> Skylight (Tables F &amp; G)</li> <li><input type="checkbox"/> Replacing Fenestration/Glazing (Tables F and H)</li> <li><input type="checkbox"/> Replacing Fenestration/Glazing ≤ 75 ft<sup>2</sup> Windows (Tables F &amp; H)</li> <li><input type="checkbox"/> Replacing Fenestration/Glazing Skylight (Tables F &amp; H)</li> <li><input type="checkbox"/> Opaque Exterior Doors (Table I)</li> </ul>



**K. Water Heating Systems (Section 150.2(b)1H)**

List water heaters and boilers for both domestic hot water (DHW) heaters and hydronic space heating.

Options:

1. Gas or propane water heating system; or
2. A single heat pump water heater. The storage tank shall not be located outdoors and shall be placed on an incompressible, rigid insulated surface with a minimum thermal resistance of R-10. The water heater shall be installed with a communication interface that meets either the requirements of Section 110.12(a) or has an ANSI/CTA-2045-B communication port; or
3. A single heat pump water heater that meets the requirements of NEEA Advanced Water Heater Specification Tier 3 or higher; or
4. If no natural gas is connected to the existing water heater location, a consumer electric water heater (Heat Pump Water Heater or Electric Resistance)

**Table K-1**

Field	Field Name	Data Entry
01	Is natural gas connected to the existing water heater?	<input type="checkbox"/> Yes <input type="checkbox"/> No

**Table K-2**

Field	Field Name	Data Entry 1	Data Entry 2	Data Entry 3
02	Water Heating System ID or Name			
03	System Option (from §150.2(b)1Hiii)			
04	Water Heater Type			
05	Fuel Type			
06	# of Water Heaters in System			