

PRESCRIPTIVE RESIDENTIAL ALTERATIONS THAT DO NOT REQUIRE ECC FIELD VERIFICATION



CALIFORNIA ENERGY COMMISSION

CEC-CF1R-ALT-05-E

CERTIFICATE OF COMPLIANCE

Project Name:	Enforcement Agency:
Dwelling Address:	Permit Number:
City and Zip Code:	Permit Application Date:

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.

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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 ²)	
11	Building Type	Single Family
12	Slab Area (ft ²)	
13	Project Scope	<p>Select as many as are applicable from the list:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Insulation (tables B, C & D) <input type="checkbox"/> Roof Replacement >50% (table E & B) <input type="checkbox"/> Space Heating System (Table J) <input type="checkbox"/> Space Cooling System (Table J) <input type="checkbox"/> Space Conditioning Duct System (Table J) <input type="checkbox"/> Water Heating (Table K) <input type="checkbox"/> Adding Fenestration/Glazing (Tables F & G) <input type="checkbox"/> Adding Fenestration/Glazing ≤16 ft² Skylight (Tables F & G) <input type="checkbox"/> Replacing Fenestration/Glazing (Tables F and H) <input type="checkbox"/> Replacing Fenestration/Glazing ≤ 75 ft² Windows (Tables F & H) <input type="checkbox"/> Replacing Fenestration/Glazing Skylight (Tables F & H) <input type="checkbox"/> Opaque Exterior Doors (Table I)



B. Opaque Surface Details - Framed (Section 150.2(b)1)

Note:

Where insulation is installed above the roofing membrane, or above the layer used to seal the roof from water penetration, the insulation shall have a maximum water absorption of 0.3 percent by volume when tested according to American Society for Testing and Materials (ASTM) Standard C272.

Field	Field Name	Data Entry 1	Data Entry 2	Data Entry 3
01	Tag/ID			
02	Assembly Type			
03	Frame Type			
04	Frame Depth (inches)			
05	Frame Spacing (inches)			
06a	Proposed Cavity R-value			
06b	Proposed Continuous Insulation R-value			
07	Proposed U-Factor			
08	Required U-Factor from Table 150.1-A			
09	Comments			

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E. Roof Replacement (Section 150.2(b)1l)

Notes:

- Roof area covered by building integrated photovoltaic (PV) panels and solar thermal panels are exempt from the above Cool Roof requirements.
- Liquid field applied coatings must comply with installation criteria from Section 110.8(i)4.

Field	Field Name	Data Entry 1	Data Entry 2	Data Entry 3
01	Tag/ID			
02	Method of Compliance			
03	Roof Pitch			
04	Exception	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A
05	CRRC Product ID Number	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A
06	Product Type	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A
07	R-value Deck Insulation	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A
08	Proposed Initial Solar Reflectance	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A
09	Proposed Aged Solar Reflectance	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A
10	Proposed Thermal Emittance	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A
11	Proposed SRI (Optional)	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A
12	Minimum Required Aged Solar Reflectance	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A
13	Minimum Required Thermal Emittance	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A
14	Minimum Required SRI (Optional)	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A	<input type="checkbox"/> N/A