

Envelope (Sample)

Prescriptive Certificate of Compliance: Residential		CF-1R-ALT
<i>Residential Alterations</i>	ENVELOPE	(Page 1 of 2)
Project Name:	John Doe Residence	Climate Zone # 8 # of Stories

General Information		
Site Address:	123 Anaheim Rd.	Enforcement Agency: CITY OF ANAHEIM Date:
Building Type <input type="checkbox"/> Single Family <input type="checkbox"/> Multi Family	Circle the Front Orientation: N, E, S, W, or degrees _____	
Conditioned Floor Area (CFA): _____	Project Type: <input type="checkbox"/> Alterations <input checked="" type="checkbox"/> Envelope <input type="checkbox"/> Fenestration <input type="checkbox"/> Roof <input type="checkbox"/> HVAC Replacement or Change Out <input type="checkbox"/> Duct Replacement <input type="checkbox"/> Water Heater	
<i>NOTE: This form is not to be used for Newly Constructed Buildings or Additions</i>		
<i>Insulation Values For Opaque Surfaces (for Furring use the Mass and Furring Strips Construction table below)</i>		
Assembly Alteration		
<input type="checkbox"/> Opening of framed cavity alone – Alterations that involve the opening of the framed cavity of a wall, ceiling, or floor must install the mandatory minimum insulation value per §150 for the altered assembly. Fill in Columns A – C and enter mandatory insulation value in Column H. <input type="checkbox"/> Replacement of entire assembly – Replacement of an entire wall, ceiling, or floor assembly requires the installation of Component Package- D insulation values in Table 151-C. Fill in Columns A – J.		

Check One →

Opaque Surface Details For the furred portion of Mass Walls see Furring Strips Construction Table below.									
A	B	C	D	E	F	G	H	I	J
Proposed <small>See Note</small>				Standard	Values From JA4 Table				
Tag/ID ¹	Assembly Name or Type ¹	Framing Material and Size ²	Thickness, Spacing, or Other ³	U-factor ⁴	JA4 Table Number ⁵	Framed Cavity R-value ⁶	Continuous Insulation R-Value ⁷	JA4 Assembly Cell Value ⁸	Proposed Assembly U-factor ⁹
1	Roof/Ceiling	2x10	16" o.c.	.032	4.2.1	R-30	0	8-A	.032
2	Wall	2x4	16" o.c.	.102	4.3.1	R-13	0	3-A	.102
3	Floor	2x6	16" o.c.	.037	4.4.1	R-19	0	4-A	.037

Note: For furred assemblies, accounting for Continuous Insulation R-value, see Page JA4-3 and Equation 4-1. For calculating furred walls use the Mass and Furring Construction table below.

- For Tag/ID indicate the identification name that matches the building plans.
- Indicate the Assembly Name or type: Roof/Ceiling, Walls, Floors, Slabs, Crawl Space, Doors and etc... Indicate the Frame type and Size: For Wood, Metal, Metal Buildings, Mass, enter 2x4, 2x6, or etc... see JA4 for other possible frame type assemblies.
- Enter the thickness for mass in inches or Spacing between framing members enter; 16" or 24" OC; or Other for all other assembly description such as Concrete Sandwich Panel, Spandrel Panel, Logs, Straw Bale Panel and etc...
- Based on the Climate Zone; enter the Standard U-factor from Table 151-B, C or D for each different assembly Name or type.
- Enter the Table number that closely resembles the proposed assembly.
- Enter the R-value that is being installed in the wall cavity or between the framing; otherwise, enter "0".
- Enter the Continuous Insulation R-value for the proposed assembly; otherwise, enter "0".
- Enter the row and column of the U-factor value based on Column F Table Number and enter the Assembly U-factor in Column J
- The Proposed Assembly U-factor, Column J, must be equal to or less than the Standard U-factor in Column E to comply.

Enter Applicable Data →

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Contractor's, (Documentation Author's/Responsible Building Designer's/Owner's), Declaration Statement	
<ul style="list-style-type: none"> • I certify that this Certificate of Compliance is accurate and complete. • I am eligible under Division 3 of the California Business and Professions Code to accept responsibility for the building design identified on this Certificate of Compliance. • I certify that the energy features and performance specifications for the building design identified on this Certificate of Compliance conform to the requirements of Title 24, Parts 1 and 6 of the California Code of Regulations. • The building design features identified on this Certificate of Compliance are consistent with the information provided to document this building design on the other applicable compliance forms, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 	
Name:	Signature:
Company:	Date:
Address:	License:
City/State/Zip:	Phone:

For assistance or questions regarding the Energy Standards, contact the Energy Hotline at: 1-800-772-3300.