



City of Larkspur
400 Magnolia Avenue, Larkspur CA 94939
(415) 927-5038

Prescriptive Certificate of Compliance: Residential Alterations		CF-1R-ALT Windows
Do not use for New Construction or Additions		1 of 2 Pages
Project Name:	Climate Zone #:	# of Stories:

General Information	
Site Address:	
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: Alterations

FENESTRATION PROPOSED AREAS					
<ul style="list-style-type: none"> <input type="checkbox"/> Replacing window alone – Replacement windows shall meet the U-Factor and SHGC Value requirements of Component Package D in Table 151-C. The Total Fenestration and West-facing area requirements are not applicable. <input type="checkbox"/> Adding 50ft² or less of window area – Newly installed windows shall meet the U-Factor and SHGC Value requirements of Component Package D in Table 151-C. <input type="checkbox"/> Adding more than 50ft² of window area – Newly installed windows shall meet the U-Factor and SHGC Value and the Fenestration Area requirements of Component Package D in Table 151-C. Complete the Altered Fenestration Allowed Area Table. 					
Fenestration Type and Frame (Window, Glass Door or Skylight)	Orientation (North, East, South, West)	Proposed Area ¹ (ft ²)	Maximum U-factor ^{2,3}	Maximum SHGC ^{2,3,4}	NFRC or Default Value ⁵
<ol style="list-style-type: none"> 1.Fenestration area is the area of total glazed product (i.e. glass plus frame). Exception: When a door is less than 50% glass, the fenestration area may be the glass area plus a “2 inch frame” around the glass. 2.Enter value from Component Package D Requirements in Table 151-C. 3.Action fenestration products installed and as indicated in CF-6R-ENV Form shall be equivalent to or have a lower U-factor and/or a lower SHGC value than that specified on the CF-1R-ALT form. 4.Submit a completed WS-3R Form if a reduced SHGC is calculated with exterior shading. 5.If applicable at this stage enter “NFRC” for NFRC Certified windows or are CEC “Default” values found in Table 116-A or B. 					

ALTERED FENESTRATION ALLOWED AREAS (Complete if more than 50ft² of fenestration is added)

	A	B	C	D	E	F		G
	CFA of Entire Dwelling	Allowed % of CFA ^{2,3}	Existing Fenestration Area ⁴	Area Removed ⁵	Fenestration Area Added ⁶	Allowed Area (AxB)		Proposed Area ^{1,4} (E-D) + C
Total Fenestration Area ² (ft ²)							IV	
West Fenestration Area ^{1,3} (required in climate zone 2)							IV	

- 1.The proposed West Fenestration Area includes West-sloping skylight area and any other skylight area with a pitch less than 1:12
- 2.Enter 20% when no West orientation restriction or 15% when West fenestration is being installed in Climate zone 2. Note that the maximum allowed fenestration can only be 5% of the CFA as indicated in Column F. Column G must be equal to or less than Column F.
- 3.In climate zone no more than 5% of the CFA is allowed for west-facing glazing.
- 4.Existing fenestration area must be counted toward the maximum allowed 15% or 20% of the whole building and calculated in Column G. The Proposed Area must be less than or equal to column F.
- 5.Enter the fenestration removed as part of the alteration if any in column D.
- 6.Enter the Fenestration area that is being added as part of the alteration.

Responsible Building Designer’s Declaration Statement

- 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