

# Window Replacement (Sample)

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

<b>General Information</b>		
<b>Site Address:</b>	123 Anaheim Rd.	<b>Enforcement Agency:</b> CITY OF ANAHEIM <b>Date:</b>
<b>Building Type</b> <input type="checkbox"/> Single Family <input type="checkbox"/> Multi Family	<b>Circle the Front Orientation:</b> N, E, S, W, or degrees _____	
<b>Conditioned Floor Area (CFA):</b> _____	<b>Project Type:</b> <input checked="" type="checkbox"/> Alterations <input type="checkbox"/> Envelope <input checked="" 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><b>NOTE:</b> This form is not to be used for Newly Constructed Buildings or Additions</i>		

FENESTRATION PROPOSED AREAS					
<input type="checkbox"/> <b>Replacing window alone</b> – 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"/> <b>Adding 50ft<sup>2</sup> or less of window area</b> – Newly installed windows shall meet the U-Factor and SHGC Value requirements of Component Package D in Table 151-C.					
<input type="checkbox"/> <b>Adding more than 50ft<sup>2</sup> of window area</b> – 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 on Page 2 of the CF-1R-ALT					
Fenestration Type and Frame (Window, Glass Door or Skylight)	Orientation (North, East, South, West)	Proposed Area <sup>1</sup> (ft <sup>2</sup> )	Maximum U-factor <sup>2,3</sup>	Maximum SHGC <sup>2,3,4</sup>	NFRC or Default Value <sup>5</sup>
			.40 max	.40 max	
<sup>1</sup> 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. <sup>2</sup> Enter value from Component Package D Requirements in Table 151-C. <sup>3</sup> Actual 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. <sup>4</sup> Submit a completed WS-3R Form if a reduced SHGC is calculated with exterior shading. <sup>5</sup> If applicable at this stage enter "NFRC" for NFRC Certified windows or are CEC "Default" values found in Table 116-A or B.					

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<b>ALTERED FENESTRATION ALLOWED AREAS (Complete if more than 50ft<sup>2</sup> of fenestration is added)</b>							
	A	B	C	D	E	F	G
	CFA of Entire Dwelling	Allowed % of CFA	Existing Fenestration Area	Fenestration Area Removed	Fenestration Area Added	Total Area Allowed (A x B)	Proposed Area <sup>2</sup> (E-D) + C
Total Fenestration <sup>2</sup> Area (ft <sup>2</sup> )		.20					≥
West Fenestration Area <sup>1</sup> (Required In CZ's 2, 4 & 7 -15)		.05					≥
<p>1. West Fenestration Area includes west-sloping skylights and any skylights with a pitch less than 1:12.</p> <p>2. West facing glazing area removed cannot be "counted" twice." In order to distribute the west glazing area removed to the other orientations, input the west glazing area removed in the Total Fenestration Area row, column D.</p> <p>3. Include the Proposed Area of the West facing fenestration in both Area columns below.</p> <p>4. To meet compliance, the Proposed Area must be less than or equal to the Total Allowed Area for BOTH the Total and West Fenestration Areas.</p>							

<b>Contractor's, (Documentation Author's/Responsible Building Designer's/Owner's), Declaration Statement</b>	
<ul style="list-style-type: none"> <li>I certify that this Certificate of Compliance is accurate and complete.</li> <li>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.</li> <li>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.</li> <li>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.</li> </ul>	
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.*