



# 2019 Energy Code Prescriptive Compliance

## Lowrise Residential Alterations

CF-1R-ALT

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<p>Does the project involve an alteration to existing <i>conditioned floor area</i>*?</p> <p><i>*Conditioned floor area is added area that is heated or cooled. Garages, for example, would not be included in this area.</i></p>	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p><i>If you checked <b>NO</b>, this form cannot be used. If new conditioned floor area is being added, complete a City of Hayward CF-1R-ADD form.</i></p>
<p>Are new windows being added to the home? <i>This includes new window locations or window enlargements.</i></p>	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p><b>If yes, all new windows shall have a U-Factor of .30 maximum.</b></p>
<p>Are existing windows being replaced by new windows? (retrofit or new like-for-like).</p>	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p><b>If yes, all replacement windows shall have a U-Factor of .40 maximum.</b></p>
<p>Are new skylights being installed?</p>	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p><b>If yes, new skylights shall have a u-factor of .55 maximum.</b></p>
<p>Are existing exterior walls, ceilings or floors being altered?</p>	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p><i>If yes:</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>2x4 WALLS:</b> shall have a minimum of <b>R-13</b> cavity insulation.</li> <li><input type="checkbox"/> <b>2x6 WALLS:</b> shall have a minimum of <b>R-21</b> cavity insulation.</li> <li><input type="checkbox"/> <b>ROOFS:</b> Altered insulated attics and roofs shall have <b>R-22</b> insulation.</li> <li><input type="checkbox"/> <b>FLOORS: R-19</b></li> </ul>
<p>Is a new forced air unit being added?</p>	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p>If a new FAU is added, <b>HERS RATING IS REQUIRED</b> for duct leakage.</p>
<p>Are more than 40 feet of ducts being added?</p>	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p>If more than 40 feet of ducts are added provide R-6 insulation and <b>HERS RATING IS REQUIRED</b> for duct leakage.</p>
<p>Is a new kitchen hood being added or replaced?</p>	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p>	<p>If yes, HERS rating is required for kitchen hood installations.</p>
<p>Is a water heater being replaced?</p> <p>Note: This form <b>cannot</b> be used with any other water heater type, multiple heaters, and/or recirculation.</p>	<p>YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p><b>IF YES, SELECT ONE OF THE WATER HEATER TYPES ON THE RIGHT.</b></p>	<p>Select one of the following water heater types:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Storage Type <math>\leq 105k</math> btuh, <math>\geq .60</math> EF and <math>\leq 55</math> gallon storage capacity.</li> <li><input type="checkbox"/> Tankless type <math>\leq 200k</math> btuh rated input and <math>\geq .82EF</math></li> </ul>

<p><b>HERS VERIFICATION SUMMARY</b></p> <p>Please select the HERS verification items on the right that are required for this project.</p>	<p><b>Check if HERS rating items that apply to this project or N/A for none:</b></p> <p><input type="checkbox"/> N/A</p> <p><input type="checkbox"/> Duct Leakage Test</p> <p><input type="checkbox"/> Kitchen Exhaust Hood Test</p> <p><b>If HERS rating is required, provide the Building Inspector with HERS rater generated CF-1R, CF-2R and CF-3R prior to final inspection.</b></p>
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**APPLICANT'S DECLARATION**

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Project Address

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Applicant Name / Phone Number Signature / Date

**I certify the following under penalty of perjury, under the laws of the State of California:**

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. That the energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a registered copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a registered copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.