



TOWN OF HILLSBOROUGH
California

2019 CEC Requirements for Fenestration Alterations > 75 sf

Implementation of the 2019 California Energy Efficiency Standards began on January 1, 2020. The following CF1R forms must be submitted with your building permit application. These forms are not required to be registered with a HERS Provider prior to the issuance of a building permit. All other documentation (CF2R-ENV, CF3R-EXC, etc.) must be prepared and registered with a HERS Provider* prior to calling for a final inspection. All documentation must be completed and signed by the installing contractor, posted at the job site, and a copy must be given to the inspector at the “Final” inspection.

• ***Provide these certificates with your building permit application:***

CF1R-ALT-01-E Certificate of Compliance for Residential Alterations
CF1R-ENV-02-E* Area Weighted Average Calculation Worksheet
CF1R-ENV-03-E** Solar Heat Gain Coefficient (SHGC) Worksheet

* If necessary – to be submitted when there is more than one type of window and one or more does not meet the prescriptive compliance requirements.

** If necessary – to be submitted only if exterior shading devices are used to meet the SHGC requirement.

• ***Provide the following certificates at the “Final” Inspection and post a complete copy at the jobsite:***

CF2R-ENV-01-E Certificate of Installation for Fenestration
CF3R-EXC-20H HERS Verification of Existing Conditions for Alterations

The complete 2019 Residential Energy Efficiency Standards can be found on the California Energy Commission website: <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2019-building-energy-efficiency-0>.

*There are two HERS Providers in California:

1. CalCerts www.CalCerts.com
2. CHEERS www.CHEERS.org

See the CEC “HERS Providers” page at:

<https://www.energy.ca.gov/programs-and-topics/programs/home-energy-rating-system-hers-program>

California Energy Commission Hotline:
1-800-772-3300