



## CERTIFICATE OF COMPLIANCE: WINDOW ALTERATIONS

**TITLE 24 ENERGY COMPLIANCE FORM FOR ATASCADERO, CA**

**CF-1R-ALT-WINDOWS - CLIMATE ZONE 4**

Applicant's Name (Owner / Contractor / Authorized Agent) \_\_\_\_\_

Date \_\_\_\_\_

Project Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

### FENESTRATION PROPOSED AREAS

- Replacing window alone (no size changes)** – Check this box only. Remaining form does not need to be completed. 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.
- Adding 50ft<sup>2</sup> or less of glazing area** – Complete this form. Newly installed windows shall meet the U-Factor and SHGC Value requirements of Component Package D in Table 151-C.
- Adding more than 50ft<sup>2</sup> or more of net window area** – Provide Performance Based Title 24 Report. \*

Fenestration Type and Frame (window, glass door, 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	.40	

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. 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 that that specified on the CR-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.

\*Complete 2008 California Energy Standards are available online at [www.energy.ca.gov/title24/2008standards](http://www.energy.ca.gov/title24/2008standards)

### Minimum Area and Opening Requirements for Replacing Bedroom Windows in Existing Homes:

A minimum of one window must comply unless there is a door to the exterior.

Year House Was Built	Egress Requirements	Net Opening Size	Minimum Opening Size*	Maximum Sill Height From Finished Floor
Prior to 1964	Window size only	6 sq ft (Window Size only)	Per CHC 3.3 sq ft min 18 inches-Height 18 inches –Width	None specified
1964 to 1980	Yes	5 sq ft (Net opening)	22 Inches-Height 22 Inches-Width	48 Inches to Sill
1980 to 2007	Yes	5.7 sq ft (Net Opening)	24 Inches – Height 20 Inches – Width	44 Inches to Sill
2008 to Present	Yes	5.7 sq ft (Net Opening) 5.0 sq ft on Ground Floor	24 Inches – Height 20 Inches – Width	44 Inches to Clear Opening

\*Openings that are both minimum width and minimum height do not meet the required net opening size.

# Certificate of Compliance Form for Window Alterations

## CF-1R-ALT-WINDOWS

(for use in City of Atascadero only)

**This form is required to be submitted with any residential window alteration permit application**

1. For window replacement only (like for like) with no modification to the opening size
  - a. Complete owner / applicant / project information
  - b. Check “Replacing Window Alone” box
  - c. Confirm that replacement windows meet or exceed maximum U-factor and SHGC values
  - d. Verify tempered glass in required locations
  - e. Submit this form with permit application
  
2. For adding 50 sq ft of glazing or less
  - a. Complete owner / applicant / project information
  - b. Check “Adding 50 ft<sup>2</sup> or Less of Glazing” box
  - c. Complete the matrix form for added glazing
  - d. Verify tempered glass in required locations
  - e. Submit this form with permit application
  
3. For adding more than 50 sq ft of glazing
  - a. Complete owner / applicant / project information
  - b. Check “Adding More Than 50 ft<sup>2</sup> of Glazing” box
  - c. Provide Performance Based Title 24 Report
    - i. See California Building Standards Commission Website  
[www.energy.ca.gov/title24/2008standards](http://www.energy.ca.gov/title24/2008standards)
  - d. Submit this form with permit application