

STATE OF CALIFORNIA
FENESTRATION CERTIFICATE LABEL

CEC-NRCC-ENV-05-E (Revised 01/16)

CALIFORNIA ENERGY COMMISSION



CERTIFICATE OF COMPLIANCE	NRCC-ENV-05-E
Fenestration Certificate Label (Page 1 of 2)	
Project Name:	Date Prepared:

This form is only used when an NFRC Label Certificate is not available. A separate NRCC-ENV-05-E (formally FC-1) Label Certificate Form is required for each different fenestration product or different types of Fenestration.

For buildings with less than 1,000 ft² of site-built fenestration may optionally use either CEC Default Tables 110.6-A and 110.6-B, Method 1, or the Alternative Calculation Nonresidential Reference Appendix NA6, Method 2.

For buildings with 1,000 ft² or greater of site-built fenestration without NFRC Label Certificate, only one option is available; use CEC Default Tables 110.6-A and 110.6-B, Method 1. Enter the total U-factor_T, SHGC_T and VT_T in the following boxes below.

A. GENERAL INFORMATION	
01	Climate Zone:
02	Total Number of Like Fenestration Products:
03	Total Square Footage of Like Fenestration:

B. METHOD 1	
U-FACTOR INFORMATION from default, See TABLE 110.6-A	
01	Frame Type: <input type="checkbox"/> Metal <input type="checkbox"/> Metal With Thermal Break <input type="checkbox"/> Nonmetal
02	Product Type: <input type="checkbox"/> Operable <input type="checkbox"/> Fixed <input type="checkbox"/> Greenhouse/Garden Window <input type="checkbox"/> Doors <input type="checkbox"/> Skylights
03	Glazing Type: <input type="checkbox"/> Single Pane <input type="checkbox"/> Double Pane <input type="checkbox"/> Glass Block
04	Enter the appropriate value from Table 110.6-A U-factor_T =
SOLAR HEAT GAIN COEFFICIENT INFORMATION from default, See TABLE 110.6-B	
05	Product Type: <input type="checkbox"/> Operable <input type="checkbox"/> Fixed
06	Glazing: <input type="checkbox"/> Clear <input type="checkbox"/> Tinted
07	Enter the appropriate value from Table 110.6-B SHGC_T =
VISIBLE TRANSMITTANCE from Reference Nonresidential Appendix NA6	
08	Product Type: <input type="checkbox"/> Casement/Awning <input type="checkbox"/> Curtainwall/Storefront/Site-built or Manufactured Skylights (Non-curb mounted) <input type="checkbox"/> Skylights Manufactured (Curb Mounted)
09	Enter Center-of-Glass for VT _C value: VT_C =
10	Calculate VT _T = VT _F x VT _C (See Equation NA6-3) VT_T =

C. METHOD 2	
<i>Alternative Calculation Nonresidential Reference Appendix NA6</i>	
NA6 Default Calculation - Enter Center of Glass (COG) value from Manufacturer's Documentation below:	
01	STEP 1: Enter Center-of-Glass for U-factor _C or the U _c value: U-factor_T =
02	STEP 2: Enter Center-of-Glass for SHGC _C value: SHGC_T =
03	STEP 3: Enter Center-of-Glass for VT _C value: VT_T =

D. ATTACHED MANUFACTURER'S LITERATURE	
01	Manufacturer's literature must match the Product Type, Frame Type, Glazing, Center-of-Glass (COG) U-factor _C , SHGC _C and VT _C information needed to calculate the Default U-factor _T , SHGC _T , and VT _T .



CERTIFICATE OF COMPLIANCE		NRCC-ENV-05-E
Fenestration Certificate Label		(Page 2 of 2)
Project Name:	Date Prepared:	

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
1. I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name:	Documentation Author Signature:
Company:	Signature Date:
Address:	CEA/ HERS Certification Identification (if applicable):
City/State/Zip:	Phone:
RESPONSIBLE PERSON'S DECLARATION STATEMENT	
I certify the following under penalty of perjury, under the laws of the State of California:	
<ol style="list-style-type: none"> The information provided on this Certificate of Compliance is true and correct. 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). 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. 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. I will ensure that a completed signed 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 completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy. 	
Responsible Designer Name:	Responsible Designer Signature:
Company :	Date Signed:
Address:	License:
City/State/Zip:	Phone: