

U-FACTOR AND SHGC FENESTRATION CERTIFICATE LABEL		NRCC-ENV-05-E
PROJECT INFORMATION		Form 1 of <input style="width: 50px;" type="text"/>
PROJECT NAME:		DATE:
PROJECT ADDRESS:		CLIMATE ZONE:
Total Number of like Fenestration units:	<input style="width: 50px;" type="text"/>	Total square footage of like Fenestration:
<i>This form is only used when an NFRC Label Certificate is not available. A separate (FC-1) Label Certificate Form is required for each different fenestration product or different types of Fenestration.</i>		
<i>Option 1: 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. Enter the U-factor_T, SHGC_T and VT_T in the following boxes below.</i>		
<i>Option 2: For buildings with greater 1,000 ft² of site-built fenestration only one option is available; use CEC Default Tables 110.6-A and 110.6-B. Use Method 1 only. Enter the U-factor_T, SHGC_T and VT_T in the following boxes below.</i>		

Method 1 FROM DEFAULT FENESTRATION - TABLE 110.6-A, TABLE 110.6-B and NA6

U-FACTOR INFORMATION FROM DEFAULT See TABLE 110.6-A			
Frame Type:	<input type="checkbox"/> Metal	<input type="checkbox"/> Metal With Thermal Break	<input type="checkbox"/> Nonmetal
Product Type:	<input type="checkbox"/> Operable	<input type="checkbox"/> Fixed	<input type="checkbox"/> Greenhouse/Garden Window <input type="checkbox"/> Doors <input type="checkbox"/> Skylights
Glazing Type:	<input type="checkbox"/> Single Pane	<input type="checkbox"/> Double Pane	<input type="checkbox"/> Glass Block
			U-factor_T =
SOLAR HEAT GAIN INFORMATION FROM DEFAULT See TABLE 110.6-B			
Product Type:	<input type="checkbox"/> Operable	<input type="checkbox"/> Fixed	
Glazing:	<input type="checkbox"/> Clear	<input type="checkbox"/> Tinted	
			SHGC_T =
VISIBLE TRANSMITTANCE FROM Reference Nonresidential Appendix NA6			
Product Type:	<input type="checkbox"/> Casement/Awning	<input type="checkbox"/> Curtainwall/Storefront/Site-built Manufactured Skylights(Non-curb mounted)	<input type="checkbox"/> Skylights Manufactured (Curb Mounted)
Enter Center-of-Glass for VT _C value:	<input style="width: 50px;" type="text"/>	VT _T = VT _F x VT _C See Equation 6-3	VT_T =

Method 2 Alternative Calculation Nonresidential Reference Appendix NA6

NA6 Default Calculation - Enter Center of Glass (COG) value from Manufacturer's Documentation below:		Calculated Values
STEP 1: Enter Center-of-Glass for U-factor _C - U _C value:	<input style="width: 50px;" type="text"/>	U-factor _T = C1 + (C2 X Uc) See Equation NA6-1 and Table NA6-5 for C ₁ and C ₂ values
U-factor_T =		
STEP 2: Enter Center-of-Glass for SHGC _C value:	<input style="width: 50px;" type="text"/>	SHGC _T = 0.08 + (0.86 x SHGC _C) See Equation NA6-2
SHGC_T =		
STEP 3: Enter Center-of-Glass for VT _C value:	<input style="width: 50px;" type="text"/>	VT _T = VT _F x VT _C See Equation 6-3
VT_T =		

STEP 3: ATTACHED MANUFACTURER'S LITERATURE:

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.

PARTY TAKING RESPONSIBILITY FOR FENESTRATION COMPLIANCE:

CONTACT PERSON:	
COMPANY NAME and ADDRESS:	
PHONE:	FAX:
SIGNATURE:	LICENSE # (if Applicable)