



# TRIGGERS for 2013 Title 24, Part 6

## Nonresidential Fenestration

Alterations to Skylights	Prescriptive Requirements					Performance Compliance Option	
	Skylight to Roof Ratio $\leq 0.05$ §141.0 (b)2A	Minimum Skylit Daylit Area §140.3(c)	VT §140.3 (a)6D	SHGC §140.3 (a)6C	U-factor §140.3 (a)6B	Window Film NA7.4.2 <sup>F</sup>	Dynamic Glazing NA7.4.3 <sup>G</sup>
Add skylight > 50 sq. ft.	YES <sup>A</sup>	no	YES <sup>E</sup>	YES <sup>E</sup>	YES <sup>E</sup>	no	no
Add skylight $\leq 50$ sq. ft.	YES <sup>A</sup>	no	no	no	YES <sup>C</sup>	no	no
Replace skylight > 150 sq. ft.	YES	no	YES <sup>D or E</sup>	YES <sup>E</sup>	YES <sup>E</sup>	no	no
Replace skylight $\leq 150$ sq. ft.	no	no	no	no	YES <sup>C</sup>	no	no
Alter Existing Skylight	no	no	YES <sup>F</sup>	YES <sup>F</sup>	YES <sup>F</sup>	YES <sup>F</sup>	no

Alterations to Vertical Fenestration	Window Wall Ratio $\leq 0.40$ §140.3 (a)5A	Minimum Skylit Daylit Area §140.3(c)	VT §140.3 (a)5D	SHGC §140.3 (a)5C	U-factor §140.3 (a)5B	Window Film NA7.4.2 <sup>F</sup>	Dynamic Glazing NA7.4.3 <sup>G</sup>
Add Vertical fenestration > 150 sq. ft.	YES	no	YES <sup>E</sup>	YES <sup>E</sup>	YES <sup>E</sup>	no	no
Replace Vertical fenestration $\leq 150$ sq. ft.	YES	no	no	no	YES <sup>C</sup>	no	no
Alter Existing Vertical Fenestration	no	no	no	no	no	YES <sup>F</sup>	no



	Prescriptive Requirements						Performance Compliance Option	
	Window Wall Ratio $\leq 0.40$ §140.3 (a)5A	Skylight to Roof Ratio $\leq 0.05$ §141.0 (b)2A	Minimum Skylit Daylit Area §140.3(c)	VT §140.3 (a)5D	SHGC §140.3 (a)5C	U-factor §140.3 (a)5B	Window Film NA7.4.2 <sup>F</sup>	Dynamic Glazing NA7.4.3 <sup>G</sup>
New Fenestration including Skylights								
New Construction	YES	YES	YES <sup>B</sup>	YES <sup>D or E</sup>	YES <sup>E</sup>	YES <sup>E</sup>	no	Yes <sup>G</sup>

A. Atria over 55 ft high is limited to a maximum 0.10 skylight to roof ratio

B. The minimum skylight daylit area requirement applies to roofs directly over spaces > 5,000 sq. ft. with a ceiling height of at least 15 ft and interior LPD of at least 0.5 W/sq. ft.

C. See table 141.0-A for efficiency values

D. VT  $\geq 0.11/WWR$  also applicable

E. See table 140.3 –B, C or D for minimum VT value

F. Window Films are applicable for use in existing glass in existing buildings and must be modeled under the performance approach to receive performance SHGC credit and must meet the criteria of NA7.4.2. Performance credit allows for use of existing U-factor and RSHGC when pre-existing conditioned verified by a 3<sup>rd</sup> party. Information about third party verification is forthcoming from the CEC.

G. Dynamic Glazing must use automatic controls and must meet the criteria in NA7.4.3

