



# PUBLIC CODE CHANGE PROPOSAL FORM FOR PUBLIC PROPOSALS IN THE INTERNATIONAL CODES

## 2006/2007 CODE DEVELOPMENT CYCLE

**CLOSING DATE: All Proposals Must Be Received by March 24, 2006**

The 2006/2007 Code Development Hearings are scheduled for  
September 20 to 30, 2006 in Orlando, FL

- 1) **Name:** Ronald Majette **Date:** March 23, 2006  
**Jurisdiction/Company:** United States Department of Energy  
**Submitted on Behalf of:** United States Department of Energy  
**Address:** 1000 Independence Avenue, EE-2J, IJ-018  
**City:** Washington **State:** DC **Zip Code:** 20585  
**Phone:** 202-586-7935 **Ext.:** **Fax:** 202-586-4617 **E-mail address:** [Ronald.majette@ee.doe.gov](mailto:Ronald.majette@ee.doe.gov)

- 2) **\*Signature:** \_\_\_\_\_  
*\* I hereby grant and assign to ICC all rights in copyright I may have in any authorship contributions I make to ICC in connection with this proposal. I understand that I will have no rights in any ICC publications that use such contributions in the form submitted by me or another similar form and certify that such contributions are not protected by the copyright of any other person or entity.*

**Signature for electronic submittal:** When submitting proposals electronically, to complete the submittal process, print a copy of the ICC Electronic [Copyright Release](#) form found at [www.iccsafe.org](http://www.iccsafe.org), fill in the requested information, send to ICC. One completed form is required. This must be done for each code change cycle and can be used for code changes and public comments.

- 3) Indicate appropriate International Code(s) associated with this Public Proposal – Please use Acronym:   IECC    
If you have also submitted a separate coordination change to another I-Code, please indicate the code: \_\_\_\_\_  
(See section below for list of names and acronyms for the International Codes).

- 4) **Be sure to format your proposal and include all information as indicated on Page 2 of this form.**

- 5) Proposals should be sent to the following offices via regular mail or email. An e-mail submittal is preferred, including an electronic version, in either Wordperfect or Word. The only formatting that is needed is **BOLDING**, ~~STRIKEOUT~~ AND UNDERLINING. Please do not provide additional formatting such as tabs, columns, etc., as this will be done by ICC

Please use a separate form for each proposal submitted. Note: All code changes received will receive an acknowledgment.

Please check here if separate graphic file provided.

Graphic materials (Graphs, maps, drawings, charts, photographs, etc.) must be submitted as separate electronic files in .CDR,.IA,.TIF or .JPG format (300 DPI Minimum resolution; 600 DPI or more preferred) even though they may also be embedded in your Word or Wordperfect submittal.

<b>Code</b>	<b>Send to:</b>	<b>Acronym</b>	<b>ICC Code Name</b>
IBC	International Code Council	<b>IBC</b>	International Building Code
ICC EC	Chicago District Office	<b>ICC EC</b>	ICC Electrical Code–Administrative Provisions
IEBC	Attn: Diane Schoonover	<b>IECC</b>	International Energy Conservation Code
IFC	4051 West Flossmoor Road	<b>IEBC</b>	International Existing Building Code
IFGC	Country Club Hills, IL 60478-5795	<b>IFC</b>	International Fire Code
IPC	Fax: 708/799-0320	<b>IFGC</b>	International Fuel Gas Code
IPSDC	<a href="mailto:codechanges@iccsafe.org">codechanges@iccsafe.org</a>	<b>IMC</b>	International Mechanical Code
IPMC		<b>ICC PC</b>	ICC Performance Code
IWUIC		<b>IPC</b>	International Plumbing Code
IZC		<b>IPSDC</b>	International Private Sewage Disposal Code
		<b>IPMC</b>	International Property Maintenance Code
IECC	International Code Council	<b>IRC</b>	International Residential Code
ICC PC	Birmingham District Office	<b>IWUIC</b>	International Wildland-Urban Interface Code
IMC	Attn: Annette Sundberg	<b>IZC</b>	International Zoning Code
IRC	900 Montclair Road		
	Birmingham, AL 35213-1206		
	Fax: 205/592-7001		
	<a href="mailto:codechangesbhm@iccsafe.org">codechangesbhm@iccsafe.org</a>		

Remove 0.50 SHGC requirement for Marine zone 3.

## CODE CHANGE PROPOSAL

Please provide all of the following items in your code change proposal. Your proposal may be entered on the following form, or you may attach a separate file. However, please read the instructions provided for each part of the code change proposal. The sections identified in parentheses are the applicable sections from CP #28 Code Development. The full procedures can be downloaded from [www.iccsafe.org](http://www.iccsafe.org).

**Code Sections/Tables/Figures Proposed for Revision (3.3.2): Section 402.6**

**Name/Company/Representing (3.3.1):** Ronald Majette / United States Department of Energy

**Proposal:**

Revise as follow:

**402.4 402.6 Maximum fenestration U-factor and SHGC. (Mandatory).** The area weighted maximum fenestration U-factor permitted using trade offs from Section 402.1.4 or Section 404 shall be 0.48 in zones 4 and 5 and 0.40 in zones 6 through 8 for vertical fenestration, and 0.75 in zones 4 through 8 for skylights. The area weighted average maximum fenestration SHGC permitted using trade-offs from Section 404 in zones 1 through 3 excluding Marine Zone 3 shall be 0.50.

Renumber following sections accordingly

**Supporting Information (3.3.4 & 3.4):**

The purpose of this proposal is to remove an inappropriate upper limit on solar heat gain for glazing in the marine climate zone. There is no prescriptive requirement for maximum SHGC in Marine zone 3 in Table 402.1.1 and there should be no mandatory limit either. Locations on and close to the Pacific coast often have very mild summers and high solar heat gains through glazing are desirable from both an energy efficiency and comfort standpoint. For example, Monterey, California, has far fewer cooling degree hours above 74 F than Fairbanks, Alaska, (137 compared to 752 according to ANSI/ASHRAE Standard 90.2-2001). Removing this limit would allow designers to select either high or low solar heat gain glazing as appropriate for the climate and building design.

This proposal also moves this section to follow the prescriptive requirements for fenestration. The organization of the code is improved by placing these two related sections adjacent to each other rather than being arbitrarily separated by other unrelated sections.

**Referenced Standards (3.4 & 3.6):** N/A

**Cost Impact (3.3.4.6):** The code change proposal will not increase the cost of construction.