



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

2007/2008 CODE DEVELOPMENT CYCLE

CLOSING DATE: All Proposals Must Be Received by August 20, 2007

The 2007/2008 Code Development Hearings are tentatively scheduled for February 18 – March 2, 2008, location TBD.

1) Name: Ronald Majette Date: August 19, 2007
Jurisdiction/Company: U.S. Department of Energy
Submitted on Behalf of: U.S. Department of Energy
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2) Copyright Release: In accordance with Council Policy #28 Code Development, all Code Change Proposals, Floor Modifications and Public Comments are required to include a copyright release. A copy of the copyright release form is included at the end of this form. Please follow the directions on the form. This form as well as an alternative release form can also be downloaded from the ICC website at www.iccsafe.org. If you have previously executed the copyright release, please check the box below:

[X] 2007/2008 Cycle copyright release on file

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. REMOVE TRACKING CHANGES, AUTOMATIC NUMBERING, OR ANY OTHER ADVANCED FORMATTING TOOLS THAT ARE PROVIDED BY WORD, FROM FILES CONTAINING YOUR CODE CHANGE PROPOSAL THAT YOU SEND TO 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.

Code

- IBC - International Building Code
IEBC - International Existing Building Code
IFC - International Fire Code
IFGC - International Fuel Gas Code
IPC - International Plumbing Code
IPSDC - International Private Sewage Disposal Code
IPMC - International Property Maintenance Code
IWUIC - International Wildland-Urban Interface Code
IZC - International Zoning Code
ELECT - International Code Council Electrical Code– Administrative Provisions

Send to:

International Code Council
Chicago District Office
Attn: Diane Schoonover
4051 West Flossmoor Road
Country Club Hills, IL 60478-5795
Fax: 708/799-0320
codechanges@iccsafe.org

- IECC - International Energy Conservation Code
ICC PC - ICC Performance Code
IMC - International Mechanical Code
IRC - International Residential Code

International Code Council
Birmingham District Office
Attn: Annette Sundberg
900 Montclair Road
Birmingham, AL 35213-1206
Fax: 205/592-7001
codechangesbhm@iccsafe.org

## 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):** Table 402.1.3.

**Note:** If the proposal is for a new section, indicate (new).

**Name/Company/Representing (3.3.1):** Ronald Majette / U.S. Department of Energy

**Note:** You must indicate your name and the full name of who you are representing. Do not use acronyms.

**Proposal:** NOTE: PLEASE READ ITEM 5) of the first page of this form for formatting instructions.

**IECC:**

Revise as follows:

**Table 402.1.3. Equivalent U-Factors<sup>(a)</sup>**

Climate Zone	Fenestration U-Factor	Skylight U-Factor	Ceiling U-Factor	Frame Wall U-Factor	Mass Wall U-Factor <sup>(b)</sup>	Floor U-Factor	Basement Wall U-Factor	Crawl Space Wall U-Factor
1	1.20	0.75	0.035	0.082	0.197	0.064	0.360	0.477
2	0.75	0.75	0.035	0.082	0.165	0.064	0.360	0.477
3	0.65	0.65	0.035	0.082	0.141	0.047	0.360	0.136
4 except Marine	0.40	0.60	0.030	0.082	0.141	0.047	0.059	0.065
5 and Marine 4	0.35	0.60	0.030	0.060	0.082	0.037	0.059	0.065
6	0.35	0.60	0.026	0.060	0.060	0.033	0.059	0.065
7 and 8	0.35	0.60	0.026	0.057	0.057	0.033	0.059	0.065

(a) Nonfenestration U-factors shall be obtained from measurement, calculation or an approved source.

(b) When more than half the insulation is on the interior, the mass wall U-factors shall be a maximum of 0.17 in zone 1, 0.14 in zone 2, 0.12 in zone 3, 0.10 in zone 4 except Marine, and the same as the ~~wood~~-frame wall U-factor in Marine zone 4 and zones 5 through 8.

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

The purpose of this proposal is to fix a number of issues in footnote b of Table 402.1.3. First, all residential building envelope requirements in both Table 402.1.1 and Table 402.1.3 of the IECC are the same for zone 5 and Marine zone 4. This proposal would make the mass wall requirements in footnote b consistent with this practice of combining Marine zone 4 and zone 5. Second, this would clarify that the U-factors requirements are a maximum. Third, there are two minor editorial wording changes that do not affect content.

**Referenced Standards (3.4 & 3.6):**

**Cost Impact (3.3.4.6):**

The code change proposal will increase the cost of construction. This will only impact Marine zone 4 and buildings with mass walls when more than half of the insulation is to the interior of the wall if the U-factor based compliance approaches are used.