



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: **Tom Neltner** Date: **August 15, 2007**
 Jurisdiction/Company: **National Center for Healthy Housing**
 Submitted on Behalf of: **National Center for Healthy Housing and Alliance for Healthy Homes**
 Address: **10320 Little Patuxent Parkway, Suite 500**
 City: **Silver Spring** State: **Maryland** Zip Code: **21044**
 Phone: **443-539-4160** Ext. Fax: **443-539-4150** E-mail address: **tneltner@nchh.org**

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:

2007/2008 Cycle copyright release on file Mailed separately.

3) Indicate appropriate International Code(s) associated with this Public Proposal – Please use Acronym: **IPMC**
 If you have also submitted a separate coordination change to another I-Code, please indicate the code: **N/A**
 (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

Code Sections/Tables/Figures Proposed for Revision (3.3.2): 505.4

Name/Company/Representing (3.3.1):

Tom Neltner, National Center for Healthy Housing and Alliance for Healthy Homes

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

Revise as follows:

505.4 Water heating facilities. Water heating facilities shall be properly installed, maintained and capable of providing an adequate amount of water to be drawn at every required sink, lavatory, bathtub, shower and laundry facility at a temperature of not less than 110°F (43°C). A gas-burning water heater shall not be located in any bathroom, toilet room, bedroom or other occupied room normally kept closed, unless adequate combustion air is provided. An approved combination temperature and pressure-relief valve and relief valve discharge pipe shall be properly installed and maintained on water heaters. In dwelling units, if an existing bathtub or shower valve is being replace, the replacement valve shall limit the temperature of the water at the spout in a bathtub or shower so it does not exceed 120°F (49°C).

Supporting Information (3.3.4 & 3.4):

The current code does not set a maximum water temperature for bathtubs and showers. However, the American Society of Sanitary Engineering recommends a maximum mixed water temperature setting of 120°F (49°C).

According to the Consumer Products Safety Commission, “Each year, approximately 3,800 injuries and 34 deaths occur in the home due to scalding from excessively hot tap water. The majority of these injuries involve the elderly and children under the age of five. The U.S. Consumer Product Safety Commission (CPSC) urges all users to lower their water heaters to 120 degrees Fahrenheit. In addition to preventing injuries, this decrease in temperature will conserve energy and save money.

CPSC goes on to state “Most adults will suffer third-degree burns if exposed to 150 degree water for two seconds. Burns will also occur with a six-second exposure to 140 degree water or with a thirty second exposure to 130 degree water. Even if the temperature is 120 degrees, a five minute exposure could result in third-degree burns.” See www.cpsc.gov/CPSCPUB/PUBS/5098.pdf

Referenced Standards (3.4 & 3.6):

American Society of Sanitary Engineering (ASSE) 1016

Cost Impact (3.3.4.6):

Because this proposal involves only an adjustment to the temperature settings for hot water in residences, it is not expected to result in new costs.