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:


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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Send to</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBC - International Building Code</td>
<td>International Code Council</td>
</tr>
<tr>
<td>IEBC - International Existing Building Code</td>
<td>Chicago District Office</td>
</tr>
<tr>
<td>IFCC - International Fire Code</td>
<td>Attn: Diane Schoonover</td>
</tr>
<tr>
<td>IFGC - International Fuel Gas Code</td>
<td>4051 West Flossmoor Road</td>
</tr>
<tr>
<td>IPC - International Plumbing Code</td>
<td>Country Club Hills, IL 60478-5795</td>
</tr>
<tr>
<td>IPSDC - International Private Sewage Disposal Code</td>
<td>Fax: 708/799-0320</td>
</tr>
<tr>
<td>IPMC - International Property Maintenance Code</td>
<td><a href="mailto:codechanges@iccsafe.org">codechanges@iccsafe.org</a></td>
</tr>
<tr>
<td>IWUIC - International Wildland-Urban Interface Code</td>
<td></td>
</tr>
<tr>
<td>IZC - International Zoning Code</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Send to</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICC PC - ICC Performance Code</td>
<td>Birmingham District Office</td>
</tr>
<tr>
<td>IMC - International Mechanical Code</td>
<td>Attn: Annette Sundberg</td>
</tr>
<tr>
<td>IRC - International Residential Code</td>
<td>900 Montclair Road</td>
</tr>
<tr>
<td></td>
<td>Birmingham, AL 35213-1206</td>
</tr>
<tr>
<td></td>
<td>Fax: 205/592-7001</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:codechangesbhms@iccsafe.org">codechangesbhms@iccsafe.org</a></td>
</tr>
</tbody>
</table>
**CODE CHANGE PROPOSAL**

<table>
<thead>
<tr>
<th>Code Sections/Tables/Figures Proposed for Revision (3.3.2):</th>
<th>306.1.1</th>
</tr>
</thead>
</table>

| Name/Company/Representing (3.3.1): | Tom Neltner, National Center for Healthy Housing and Alliance for Healthy Housing |

**Proposal:**
Revise as follows:

2007 - 306.1.1 Unsafe conditions. Where any of the following conditions cause the component or system to be beyond its limit state, the component or system shall be determined as unsafe and shall be repaired or replaced to comply with the International Building Code or the International Existing Building Code as required for existing buildings:

1. Soils that have been subjected to any of the following conditions:
   1.1. Collapse of footing or foundation system;
   1.2. Damage to footing, foundation, concrete or other structural element due to soil expansion;
   1.3. Adverse affects to the design strength of footing, foundation, concrete or other structural element due to a chemical reaction from the soil;
   1.4. Inadequate soil as determined by a geo-technical investigation;
   1.5. Where the allowable bearing capacity of the soil is in doubt; or
   1.6. Adverse affects to the footing, foundation, concrete or other structural element due to the ground water table.

2. Concrete that has been subjected to any of the following conditions:
   2.1. Deterioration;
   2.2. Ultimate deformation;
   2.3. Fractures;
   2.4. Fissures;
   2.5. Spalling;
   2.6. Exposed reinforcement; or
   2.7. Detached, dislodged or failing connections.

3. Aluminum that has been subjected to any of the following conditions:
   3.1. Deterioration;
   3.2. Corrosion;
   3.3. Elastic deformation;
   3.4. Ultimate deformation;
   3.5. Stress or strain cracks;
   3.6. Joint fatigue; or
   3.7. Detached, dislodged or failing connections.

4. Masonry that has been subjected to any of the following conditions:
   4.1. Deterioration;
   4.2. Ultimate deformation;
   4.3. Fractures in masonry or mortar joints;
   4.4. Fissures in masonry or mortar joints;
   4.5. Spalling;
   4.6. Exposed reinforcement; or
   4.7. Detached, dislodged or failing connections.

5. Steel that has been subjected to any of the following conditions:
   5.1. Deterioration;
   5.2. Elastic deformation;
   5.3. Ultimate deformation;
   5.4. Metal fatigue; or
   5.5. Detached, dislodged or failing connections.

6. Wood that has been subjected to any of the following conditions:
   6.1. Ultimate deformation;
6.2. Deterioration;
6.3. Damage from insects, rodents and other vermin;
6.4. Fire damage beyond charring;
6.5. Significant splits and checks;
6.6. Horizontal shear cracks;
6.7. Vertical shear cracks;
6.8. Inadequate support;
6.9. Detached, dislodged or failing connections; or
6.10. Excessive cutting and notching.

7. Lead-based paint
   7.1. Peeling, flaking, chipping, cracking, or chalking paint on a dwelling unit built before 1978 unless the paint has been determined to have less than 0.5 percent or 1 milligram per square centimeter of lead;
   7.2. Lead dust at levels greater than 40 micrograms of lead per square foot on the floor or 250 micrograms of lead per square foot on an interior window sill; or
   7.3. Lead contamination in bare soil at levels greater than 400 milligrams of lead per kilogram of soil in children’s play areas or 1200 milligrams of lead per kilogram of soil in other areas.

8. Carbon monoxide at levels that exceed:
   8.1. 100 milligrams per cubic meter (90 parts per million) for 15 minutes;
   8.2. 60 milligrams per cubic meter (50 parts per million) for 30 minutes;
   8.3. 30 milligrams per cubic meter (25 parts per million) for 1 hour; or
   8.4. 10 milligrams per cubic meter (10 parts per million) for 8 hours.

Exceptions:
1. When substantiated otherwise by an approved method.
2. Demolition of unsafe conditions shall be permitted when approved by the code official.

Supporting Information (3.3.4 & 3.4):
The World Health Organization has determined that carbon monoxide levels in excess of the ones described in the proposal are unhealthy and dangerous. See www.euro.who.int/document/aiq/5_5carbonmonoxide.pdf

The U.S. Environmental Protection Agency has determined that lead-based paint conditions described above are dangerous to children. See 40 CFR Part 745 Subpart D. Subsequent research confirms that children living at levels in excess of the lead dust levels have a 1 in 7 chance of being lead poisoned.

These conditions are unsafe and need to be corrected pursuant to 306.1.1.

Referenced Standards (3.4 & 3.6):

Cost Impact (3.3.4.6):
The proposal will not increase the costs of new construction and in existing buildings.