DENVER AMENDMENT PROPOSAL
2015 INTERNATIONAL CODES

UPDATED DEADLINE: JANUARY 9, 2015

NOTE: Each proposed Denver amendment to the International Codes must be justified. In order to be considered, the amendment proposal must address climate, clarity and/or cost.

1) Submitter Information

<table>
<thead>
<tr>
<th>Name:</th>
<th>Jill Jennings Golich</th>
<th>Date:</th>
<th>1/9/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organization (if applicable):</td>
<td>CPD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone:</td>
<td>720-865-2909</td>
<td>E-mail address:</td>
<td><a href="mailto:Jill.jenningsgolich@denvergov.org">Jill.jenningsgolich@denvergov.org</a></td>
</tr>
</tbody>
</table>

2) *Signature:

*I hereby grant and assign to City and County of Denver all rights in copyright I may have in any authorship contributions I make to City and County of Denver in connection with this proposal. I understand that I will have no rights in any City and County of Denver 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. Note: electronic signatures are acceptable.

3) Indicate which International Code (I-Code) you propose to amend (please use acronym): _____IBC___________

If your code proposal requires an amendment to another I-Code, please indicate which other I-Code and section(s) is impacted, and provide the necessary language within the proposal form.

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 pages 2-3 of this form.

5) Send your proposal to Community Planning and Development (CPD), attention: Jill Jennings Golich, via email at jill.jenningsgolich@denvergov.org. An e-mail submittal should include an electronic version saved with a file name as follows: 2015_public_amendment_proposal_Codname_SectionReference, where ‘Codename_SectionReference’ is replaced using the code and section being proposed (for instance ‘2015_public_amendment_proposal_IIBC_Section312’). The only formatting necessary is BOLDING, STRIKEOUT AND UNDERLINING. Please do not provide additional formatting such as this will be done by CPD.

Please use a separate form for each proposal submitted unless as allowed in 3) above.

Note: All amendment proposals received will receive an acknowledgment, and will be posted on the Building Code website to allow the public review.

Please check here if a separate graphic file is provided. □

Graphic materials (graphs, maps, drawings, charts, photographs, etc.) must be submitted as separate electronic files in either PDF, JPEG or TIF format (300 DPI minimum resolution; 600 DPI or more preferred) even though they may also be embedded in your submittal.

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Code Name</th>
<th>Acronym</th>
<th>Code Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBC</td>
<td>International Building Code</td>
<td>IRC</td>
<td>International Residential Code</td>
</tr>
<tr>
<td>IECC</td>
<td>International Energy Conservation Code</td>
<td>NEC</td>
<td>National Electrical Code</td>
</tr>
<tr>
<td>IEBCC</td>
<td>International Existing Building Code</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IFC</td>
<td>International Fire Code</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IFGC</td>
<td>International Fuel Gas Code</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
AMENDMENT PROPOSAL

Please provide all of the following items in your amendment proposal. Your proposal may be entered on the following form, or you may attach a separate file. However, please read the instructions for each part of the amendment proposal.

**Code Sections/Tables/Figures Proposed for Revision:**

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

| Chapter 30 Elevators and Conveying Systems, Sections 3001, 3002, 3004, 3006, 3007 and 3008 |
| Proposal: |
| Show the proposal using strikeout or underline format. At the beginning of each section, include one of the following instruction lines: |

**Revise as indicated in the following sections:**

**SECTION 3001 GENERAL**

Section 3001.1 Scope is replaced in its entirety with the following:

3001.1 Scope. Requirements for the design, construction, installation, alteration and repair of elevators and conveying systems shall comply with the Denver Fire Code and Section 1109.7 and Chapter 30 of the International Building Code as amended.

**SECTION 3003 EMERGENCY OPERATIONS**

[F] Section 3003 Emergency Operations and all subsections are replaced in their entirety as follows:

Section 3003 Emergency Operations shall comply with Section 607 of the Denver Fire Code (IFCA).

**SECTION 3004 CONVEYING SYSTEMS**

Section 3004.1 General is replaced with the following:

3004.1 General. Escalators, moving walks, conveyors, platform lifts, dumbwaiters, stairway chair lifts, personnel hoists, material lifts, automated guideway transit systems (AGTS) and material hoists shall comply with the applicable provisions of the International Building Code Sections 3004.2 through 3004.4 and Section 919 of the Denver Fire Code (IFCA).

**SECTION 3006 ELEVATOR LOBBIES AND HOISTWAY OPENING PROTECTION**
Section 3006.3 Hoistway opening projection item 4 is replaced in its entirety with the following:

4. The elevator hoistway shall be pressurized in accordance with the design criteria of IBCA Section 909.21.

SECTION 3007
FIRE SERVICE ACCESS ELEVATOR

Section 3007.6 Fire service access elevator lobby is amended by adding the following at the end of the paragraph, and adding Exceptions 2 and 3 such that the existing exception becomes Exception 1:

Fire service access elevator lobbies shall have direct access to the building floor plate without passing through any intervening rooms or exit enclosures. In residential high rise buildings where fire service elevator lobbies are required and where the corridors are considered refuge areas, construction of a separate fire service elevator lobby with the required two-way refuge area communication system in the fire service lobby is permitted. Area of the fire service elevator lobby shall be increased to accommodate the required wheelchair spaces.

Exceptions:
2. Fire service lobbies shall not be required in non-mixed use open parking garage levels. This provision does not eliminate the requirement for non-fire resistance rated refuge area lobbies serving garage levels.
3. Fire resistance rated fire service lobby enclosures shall not be required in non-mixed use enclosed parking garage levels. The fire service access elevator lobby shall be permitted to be combined with the refuge area elevator lobby in accordance with Section 3007.6.4 as amended.

Section 3007.6.4 Lobby size is amended by adding the following at the end of the paragraph:

An area of refuge lobby is permitted to be combined with the fire service elevator lobby. The 150 square feet minimum area of the fire service lobby shall be increased to accommodate the required wheelchair spaces.

Section 3007.8 Electrical power is amended by replacing “Type 60/Class 2/Level 1 standby” with “Type 10/Class X/Level 1 emergency” in the third line.

SECTION 3008
OCCUPANT EVACUATION ELEVATORS

Section 3008.6 Occupant evacuation elevator lobby is amended by adding the following sentence at the end of the paragraph, and adding Exceptions 1 and 2:

Occupant evacuation elevator lobbies shall have direct access to the building floor plate without passing through any intervening rooms or exit enclosures.

Exceptions:
1. Occupant evacuation elevator lobbies shall not be required in non-mixed use open parking garage levels. This provision does not eliminate the requirement for non-fire resistance rated refuge area lobbies serving garage levels.
2. Fire resistance rated occupant evacuation lobby enclosures shall not be required in non-mixed use enclosed parking garage levels.
Section 3008.8 Electrical power is amended by replacing “Type 60/Class 2/Level 1 standby” with “Type 10/Class X/Level 1 emergency” in the third line.
Supporting Information:
The following items are required to be included.

**Purpose:** The proponent shall clearly state the purpose of the proposed amendment to climate and/or clarify that are specific to the City and County of Denver (e.g., clarify the Code; revise outdated material; substitute new or revised material for physical, environmental and customary characteristics; add new requirements to the Code; delete current requirements, etc to reflect physical, environmental and customary characteristics that are specific to the City and County of Denver.)

**Reasons:** The proponent shall justify changing the current Code provisions, stating why the proposal is necessary to reflect physical, environmental and customary characteristics that are specific to the City and County of Denver. Proposals that add or delete requirements shall be supported by a logical explanation which clearly shows why the current does not reflect physical, environmental and customary characteristics that are specific to the City and County of Denver and explains how such proposals will improve the Code.

**Substantiation:** The proponent shall substantiate the proposed amendment based on technical information and substantiation. Substantiation provided which is reviewed and determined as not germane to the technical issues addressed in the proposed amendment shall be identified as such. The proponent shall be notified if the proposal is considered an incomplete proposal, and the proposal shall be held until the deficiencies are corrected. The burden of providing substantiating material lies with the proponent of the amendment proposal. A minimum of two copies of all substantiating information shall be submitted.

**Bibliography:** The proponent shall submit a bibliography when substantiating material is associated with the amendment proposal. The proponent shall make the substantiating materials available for review.

Purpose: Changes to Chapter 30 are needed due to permitting for these systems changing from the State of Colorado to Denver Fire in July 2013, and so all State of Colorado permitting requirements from the 2011 amendments are proposed for deletion. The language for this code change proposal was provided by the Denver Fire Prevention Division as they now do elevator permitting for the City and County of Denver.

**Reasons:** Effective July 1, 2013, the State of Colorado’s Division of Oil and Public Safety transferred responsibility for management and enforcement of the Conveyance Inspections Program within the City and County of Denver to the Denver Fire Department’s Fire Prevention Division. This responsibility includes meeting State of Colorado mandates to assure that all conveyances meet or exceed minimum safety standards.

The Fire Prevention Division will assure these standards by providing organized procedures for the reviewing of plans and specifications, field checking new conveyances, performing inspections of all types of conveyances. This transfer of responsibility is provided under a memorandum of agreement, with the State Division of Oil and Public Safety providing oversight. The program mirrors the program the state has administered for several years and we have made every effort to make this a seamless transition.

**Referenced Standards:**

List any new referenced standards that are proposed to be referenced in the code and provide a minimum of one electronic copy. Should the amendment proposal be recommended for inclusion in the amendment package, you must provide two hard copies.

ASME A17.1/CSA B44, ASME A90.1, ASME B20.1, ALI ALCTV, and ASCE 24 for construction in flood hazard areas established in Section 1612.3, as adopted by the State of Colorado and Chapter 80 of the Fire Code

**Impact:**

Discuss the impact of the proposed amendment and answer the three questions below on the impact of the amendment proposal.

The elevators chapter has been different from the model code due to State of Colorado requirements. Due to the density in Denver and high-rise buildings, Denver Fire has proposed amendments given their oversight of the program and are providing design criteria for elevators within the amended International Fire Code (IFCA). It is not likely to have an impact on design, but it is unknown if there is an impact to the cost of construction.

| Effect of the proposed amendment on the cost of design: | □ Increase | □ Reduce | ✗ No Effect |
| Effect of the proposed amendment on the cost of construction: | □ Increase | □ Reduce | □ No Effect |
| Is the amendment proposal more or less restrictive than the I-Codes? | ✗ More | □ Less | □ Same |

**Departmental Impact:**

*To be filled out by CPD/DFD*

**Note:** The department shall indicate one of the following regarding the impact of the amendment proposal:

| Effect of the proposed amendment on the time to review: | □ Increase | □ Reduce | □ No Effect |
| Effect of the proposed amendment on the cost of enforcement/inspection: | □ Increase | □ Reduce | □ No Effect |