Code Amendment Proposal Form
For public amendments proposed to the 2018 editions of the International Codes

Instructions: Upload this form and all accompanying documentation at www.denvergov.org/BuildingCode. If you are submitting your proposal on a separate sheet, make sure it includes all information requested below.

All proposals must be received by April 26, 2019.

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Signature:

AMENDMENT PROPOSAL

Please use a separate form for each proposal.

1) Code(s) associated with this proposal. Please use acronym: IFC
If you submitted a separate coordination change to another code, please indicate which code: __________________________

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<tr>
<th>Acronym</th>
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<tbody>
<tr>
<td>IEBC</td>
<td>International Existing Building Code</td>
<td>IMC</td>
<td>International Mechanical Code</td>
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<tr>
<td>IECC</td>
<td>International Energy Conservation Code</td>
<td>IPC</td>
<td>International Plumbing Code</td>
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<tr>
<td>IFC</td>
<td>International Fire Code</td>
<td>IRC</td>
<td>International Residential Code</td>
</tr>
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2) Please check here if a separate graphic file is provided: ☐
Graphics may also be embedded within your proposal below.

3) Use this template to submit your proposal or attach a separate file, but please include all items requested below in your proposal. The only formatting needed is **BOLDING**, **STRIKEOUT** AND **UNDERLINING**. Please do not provide additional formatting such as tabs, columns, etc., as this will be done by CPD.

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

IFC Section 905.4.1

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

**Proposal:**
**Add an exception to IFC Section 905.4.1, Protection.**

Number the existing IFC exception as number 1

**Add exception #2**
Where additional standpipes are needed to meet travel distance requirements in non-high-rise buildings, protection of piping is not required is building protected with an approved automatic sprinkler system.

**Note:** Show the proposal using **strikeout,** **underline** format. At the start of each section, give one of the following instructions:
- Revise as follows:
- Add new text as follows:
- Delete and substitute as follows:
- Delete without substitution:

### Supporting Information:

**Purpose:** To allow the standpipe risers that are not located in stairway enclosures to be in chases or within the wall cavities and not in fire rated shafts.

**Reason:** The IFC Section 905.4.1 exception allows the lateral that are not located within stairway enclosures to be enclosed within a fire resistance rated construction. This exception does not pertain to the standpipe risers that are not located within stairway enclosures. IFC Section 905.4 item #6 requires additional standpipe hose connections to limit the distance to the nearest hose connection to 200 ft in sprinkler protected buildings. For these buildings, additional standpipes and hose connections would be required.

This proposal provides an exception which is the same as the 2016 & 2019 NFPA 14 Section 6.1.2.2.4 allowing the additional risers without the pipe protection. While NFPA 14 allows unprotected risers in buildings that do not have sprinkler protection, the proposal limits this application to sprinkler protected buildings.

**Substantiation:** The primary standpipes that are commonly used by the fire department personnel are located in the stairway enclosures. The additional standpipes are seldom used and NFPA 14 which is a nationally recognized standard does not require the piping for these standpipes to be protected.

**Note:** This section MUST include these items:
- **Purpose:** State the purpose of the proposed amendment to physical, environmental and customary characteristics 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:** Clearly justify the change to 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 that clearly shows why the current code does not reflect physical, environmental and customary characteristics that are specific to the City and County of Denver and explains how such proposal will improve the code.
- **Substantiation:** 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.
- **Bibliography:** Include a bibliography when substantiating material is associated with the amendment proposal. The proponent shall make the substantiating materials available for review.

### Referenced Standards:

**NFPA 14 Section 6.1.2.2.4.**

6.1.2.2.4 Where additional standpipes are needed to meet travel distance requirements in non-high-rise buildings, protection of piping is not required.

**Note:** List any new referenced standards that are proposed to be referenced in the code.

### Impact:

This proposal will reduce the construction cost.

**Note:** For each of the following, indicate the impact of this amendment proposal:
- The effect of the proposal on the cost of construction - Increase, Reduce, No Effect
- The effect of the proposal on the cost of design - Increase, Reduce, No Effect
- Is the proposal more or less restrictive than the I-codes - More, Less, Same
Departmental Impact: (To be filled out by CPD staff)

Note: CITY STAFF ONLY. For each of the following, indicate the impact of this proposal:

- The effect of the proposal on the cost of review - Increase, Reduce, No Effect
- The effect of the proposal on the cost of enforcement/inspection - Increase, Reduce, No Effect