1) Name: 
Carol Pafford, P.E.
Electrical Plan Review Supervisor
City and County of Denver

Date: 4/9/2019

2) Proposals should be drafted in Word with the only formatting that is needed being BOLDING, STRIKEOUT AND UNDERLINING. Please do not provide additional formatting such as tabs, columns, etc.

Please use a separate form for each proposal submitted.

Is separate graphic file provided (Yes or No):

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Code Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBC</td>
<td>International Building Code</td>
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<tr>
<td>IECC</td>
<td>International Energy Conservation Code</td>
</tr>
<tr>
<td>IEBC</td>
<td>International Existing Building Code</td>
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<tr>
<td>IFC</td>
<td>International Fire Code</td>
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<td>IPC</td>
<td>International Plumbing Code</td>
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<td>IBC</td>
<td>International Residential Code</td>
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<td>IFGC</td>
<td>International Fuel Gas Code</td>
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<tr>
<td>IMC</td>
<td>International Mechanical Code</td>
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<tr>
<td>NEC</td>
<td>National Electrical Code</td>
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</tbody>
</table>

**AMENDMENT PROPOSAL**

Please provide all of the following items in your amendment proposal.

**Code Sections/Tables/Figures Proposed for Revision:**
DBC-IBC 403.4.8

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

**Proposal:** Delete without substitution:

403.4.8 Emergency power. An emergency power system complying with Section 2702 shall be provided for the emergency power loads specified in IBCA Section 403.4.8.3.

**Note:** Show the proposal using **strikeout**, **underline** format. At the beginning of each section, one of the following instruction lines are also needed:

- Revise as follows
- Add new text as follows
- Delete and substitute as follows
- Delete without substitution

**Supporting Information:**

The intent of this deletion is to bring the functions of the Emergency and Standby power systems back into alignment with both the 2018 IBC as written and the National Electrical Code. The amendment proposed for deletion was created in the past to move all of the electrical loads listed under 403.4.8.3 Standby power loads to the Emergency power system under 403.4.8.4 (identified in the 2016 IBC DBCA as 403.4.8.3). This could create a catastrophic failure of the Emergency system should these larger motor loads listed under 403.4.8.3 Standby power loads be installed on the Emergency power system due to the inrush current overloading the upstream breaker. The 2018 IBC language under 403.4.8.3 and 403.4.8.4 should be allowed to stand as written in the 2018 IBC to protect the Emergency system from this failure by requiring these loads listed under 403.4.8.3 to be connected to the Standby system rather than the Emergency system.

This deletion also brings the functions of the Emergency and Standby power systems into alignment with the requirements of the National Electrical Code, Articles 700, 701, and 702.

November 15, 2005
**Purpose:** The proponent shall clearly 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.)

**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.

**Bibliography** (as needed): 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.

### Referenced Standards:

**IBC 403.4.8, NEC 700, 701, 702**

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

### Impact:

The above clarification does not propose any cost to construction or design, and is no more nor less restrictive that the I-codes.

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

- The effect of the amendment proposal on the cost of construction; Increase, Reduce, No Effect:
- The effect of the amendment proposal on the cost of design; Increase, Reduce, No Effect:
- Is the amendment proposal more- or less-restrictive than the I-Codes; More, Less, Same:

### Departmental Impact:

No effect in review cost.

No effect in enforcement/inspection cost.

**Note:** Indicate one of the following regarding the impact of the amendment proposal:

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