DENVER AMENDMENT PROPOSAL FORM
FOR CPD _INTERNAL_ PROPOSALS TO THE 2016 DENVER BUILDING
CODE AMENDMENTS AND THE 2018 INTERNATIONAL CODES

2018 CODE DEVELOPMENT CYCLE

1) Name: Kirk Gallaher
   IECC Section C403.5 Economizers
   Date: 3/18/19

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.

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<tr>
<th>Acronym</th>
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<tbody>
<tr>
<td>IBC</td>
<td>International Building Code</td>
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<td>International Residential Code</td>
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<tr>
<td>IEBC</td>
<td>International Existing Building Code</td>
<td>IMC</td>
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<td>IFC</td>
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**AMENDMENT PROPOSAL**

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

**Code Sections/Tables/Figures Proposed for Revision:**
IECC C403.5

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

**Proposal:**

C403.5 **Economizers (prescriptive)**

Add new Text as follows:

2. Individual fan systems with _manufacturer published nominal cooling capacity_ greater than or equal to _of 54,000 Btu/h (15.8 kW)_ in buildings having other than a Group R occupancy.

**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:**

**Purpose:** To simplify the code requirement.
**Reason:** To provide clear interpretation of intent of code and make the requirement based on a manufacturer rating rather than a capacity that can be manipulated by derating for design conditions to eliminate utilization of economizers. A piece of equipment with a manufacture rating of 54,000 Btu/h nominal can be derated based on temperatures of the outside air, indoor air and elevation, the amount of energy utilized by the equipment stays the same for the equipment but its efficiency is altered.
**Substantiation:** The requirement should be based on listed manufacturer nominal capacity, keeping the requirement the same regardless of derate.

**Note:** The following items are required to be included:

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:**

Click or tap here to enter text.

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

**Impact:**

Simplifies requirement and aids in plan review verification.

Clarifies the requirement

**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:**

Reduction in review time.

**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:

November 15, 2005