

# Code Amendment Proposal Form

For public amendments proposed to the 2021 editions of the International Codes



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

All proposals must be received by **July 23, 2021**.

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## CONTACT INFORMATION

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**Organization or Representing Self:** Western Mechanical Solutions, LLC

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**Signature:**

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## AMENDMENT PROPOSAL

**Please use a separate form for each proposal.**

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

<u>Acronym</u>	<u>Code Name</u>	<u>Acronym</u>	<u>Code Name</u>
<b>DBC-AP</b>	Denver Building Code–Administrative Provisions	<b>IFC</b>	International Fire Code
<b>DBC-xxx</b>	Denver Building Code–xxx (code) amendments (e.g., DBC-IBC, DBC-IEBC)	<b>IFGC</b>	International Fuel Gas Code
<b>IBC</b>	International Building Code	<b>IRC</b>	International Residential Code
<b>IEBC</b>	International Existing Building Code	<b>IMC</b>	International Mechanical Code
<b>IECC</b>	International Energy Conservation Code	<b>IPC</b>	International Plumbing Code
		<b>DGC</b>	Denver Green Code

- 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.

<b><u>Code Sections/Tables/Figures Proposed for Revision:</u></b>
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C402.5.11 – Operable openings interlocking.

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

<b><u>Proposal:</u></b>
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Add new text as follows (new text is underlined):

C402.5.11 Operable openings interlocking.

Where occupancies utilize operable openings to the outdoors that are larger than 40 square feet (3.7 m<sup>2</sup>) in area, such openings shall be interlocked with the heating and cooling system so as to raise the cooling setpoints to 90°F (32°C) and lower the heating

setpoint to 55°F (13°C) whenever the operable opening is open. The change in heating and cooling setpoints shall occur within 10 minutes of opening the operable opening.

Exceptions:

1. Separately zoned areas associated with the preparation of food that contain appliances that contribute to the HVAC loads of a restaurant or similar type of occupancy.
2. Warehouses that utilize overhead doors for the function of the occupancy, where approved by the code official.
3. The first entrance doors where located in the exterior wall and are part of a vestibule system.
4. Systems utilizing evaporative cooling do not need to reset the cooling setpoint and are allowed to operate using evaporative cooling only. Other forms of mechanical cooling are not allowed when operable openings are open.

**Supporting Information:**

Purpose: To add an exemption to the operable openings interlocking section.

Reason: As evaporative cooling is 100% OA the space will be positively pressurized and will prevent the infiltration of unconditioned OA when operable openings are open. This allows the space to continue to operate in a normal cooling mode and maintains healthier indoor space conditions for all occupants.

**Referenced Standards:**

None

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

**Impact:**

Improved air quality, and reduced energy consumption while maintaining healthy indoor space conditions.

**Note:** Discuss the impact of this proposal in this section AND indicate the impact of this amendment proposal for each of the following:

- 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. Discuss the impact of this proposal in this section AND indicate the impact of this amendment proposal for each of the following:

- 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