



DENVER AMENDMENT PROPOSAL FORM FOR PROPOSALS TO THE 2019 DENVER BUILDING CODE AMENDMENTS AND THE 2021 INTERNATIONAL CODES

DENVER
THE MILE HIGH CITY

2021 CODE DEVELOPMENT CYCLE

1) **Name:** Allen Yanong **Date:** 10/17/21
Email: allen.yanong@denvergov.org **Representing:** City & County of Denver

2) One proposal per this document is to be provided with clear and concise information.

Is a separate graphic file provided (“X” to answer): __ _ Yes or __ **X** _ No

3) Highlight the code and acronym that applies to the proposal

<u>Acronym</u>	<u>Code Name</u>	<u>Acronym</u>	<u>Code Name</u>
DBC-AP	Denver Building Code–Administrative Provisions	IPC	International Plumbing Code
IBC	International Building Code	IRC	International Residential Code
IECC	International Energy Conservation Code	IFGC	International Fuel Gas Code
IEBC	International Existing Building Code	IMC	International Mechanical Code
IFC	International Fire Code	DGC	Denver Green Code

AMENDMENT PROPOSAL

Please provide all the following items in your amendment proposal.

Code Sections/Tables/Figures Proposed for Revision: IBC 1010.2.5

Instructions: If the proposal is for a new section, indicate (new), otherwise enter applicable code section.

Proposal:

Instructions: Show the proposal using ~~strikeout~~, underline format.

Place an “X” next to the choice that best defines your proposal: Revision New Text Delete/Substitute Deletion

Revise as follows.

Section 1010.2.5 Bolt locks is amended by adding the following to the base code requirement.

1010.2.5 Bolt Locks Manually operated flush bolts or surface bolts are not permitted. Electric bolts, either flush or surface mounted, shall not be installed, altered or repaired.

Supporting Information (Required):

This proposal brings back a section from the 2016 DBCA Appendix Q that was deleted and not accounted for in the 2019 DBCA. Adding this section back into the 2022 DBCA will clarify that electric bolts shall not be installed, altered or repaired. The addition of this amendment shall be reviewed in conjunction with the proposal to add the definition for electric bolts to DBCA Section 202.

“Another class of electrified locks is electrified dead-bolts. These locks comprise a simple round dead bolt operated by an electric solenoid in the top of the door frame. Electrified dead-bolts (see figure to follow) are installed similarly to magnetic shear locks; i.e., the lock is in the top of the door frame and there is a pocket in the top of the door into which the dead-bolt is received. When the solenoid is engaged the bolt drops into a bolt pocket in the top of the door. When the solenoid is disengaged the solenoid retracts the bolt up out of the bolt pocket in the top of the door. The bolt is magnetized, and the pocket is equipped with a permanent magnet that repels the dead-bolt upward out of the pocket in case the solenoid fails to retract it fully.”



Bibliography: The above excerpt has been quoted from www.sciencedirect.com.

Other Regulations Proposed to be Affected

***For proposals to delete content from the 2019 Denver Green Code in conjunction with adding it to other mandatory Denver codes and/or regulations, only.**

Please identify which other mandatory codes or regulations are suggested to be updated (if any) to accept relocated content.

Referenced Standards:

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

Impact:

How will this proposal impact cost and restrictiveness of code? ("X" answer for each item below)

Cost of construction: ___ Increase ___ Decrease X No Impact

Cost of design: ___ Increase ___ Decrease X No Impact

Restrictiveness: X Increase ___ Decrease ___ No Impact

Departmental Impact (City use only):

This amendment proposal increases/decreases/is **neutral** to the cost of plans review.

This amendment increases/decreases/is **neutral** to the cost of inspections.