

Central Iowa Code Consortium - Code Proposal Form

Note - Each code section proposal must be submitted on a separate form

Untitled Title 

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Code Book *

Resource for code content - <https://codes.iccsafe.org/public/collections/I-Codes>

IMC - International Mechanical Code



Code Section *

See example below. DO NOT INCLUDE ANY LEADING ALPHA CHARACTERS! Resource for code language - <https://codes.iccsafe.org/public/collections/I-Codes>

"603.6.1.1" Flex Duct Length

Is this an Appendix Chapter? *

Yes

No

If yes, which appendix?

Allowing Alpha Characters

Code Section Example

~~101.1~~ Title.

These provisions shall be known as the *Residential Code for One- and Two-family Dwellings* of [NAME OF JURISDICTION], and shall be cited as such and will be referred to herein as "this code."

~~101.2~~ Scope.

The provisions of the *International Residential Code for One- and Two-family Dwellings* shall apply to the construction, *alteration*, movement, enlargement, replacement, repair, *equipment*, use and occupancy, location, removal and demolition of detached one- and two-family dwellings and *townhouses* not more than three stories above *grade plane* in height with a separate means of egress and their *accessory structures* not more than three stories above *grade plane* in height.

Type of proposal *

Amend - Edit current section - change words | Delete - Remove section | Insert - Add text to existing section

- Modification
- Deletion
- Addition

Does this proposal impact other codes? *

- Yes
- No

If yes, indicate which code and code section?

Does this proposal relate to a previously accepted CICC amendment? *

- Yes
- No

If yes, which previously accepted CICC amendment?

Modification

Existing Text *

Full text as it is printed in the Code. Book Resource for code language -

<https://codes.iccsafe.org/public/collections/I-Codes>

Flexible air duct shall not be limited in length

Proposed Text *

Flexible air duct shall be limited to 8' (feet)

Deletion

This text is being proposed to be struck from the adopted code.

Existing Text to be struck *

Resource for code language - <https://codes.iccsafe.org/public/collections/I-Codes>

Addition

This text is being proposed to be added to the 2018 International Code for adoption by local municipalities.

Provide your new proposed code to be added to the existing code as cited above. *

Justification for Proposal

Provide reason to support your proposal based on the safety impact, enforceability, cost effectiveness, or unique location conditions

Justification *

In some form or another, we all provide heating and cooling to customers. It should be in all of our interests to install a heating and cooling system to perform at it's maximum efficiency. Allowing no limitation on flex duct length takes that away from the consumer. Flex duct is difficult to clean, not nearly as rigid as metal and when not properly installed results in poor performance, a dynamic air flow, pressure loss and increased energy waste and energy costs. This increased usage also decreases the life of the equipment providing the air flow by having to run longer and harder. If installed with a tight kink, compressed or pinched, a study performed in November of 2005 by ASHRAE, concluded up to a 45% pressure drop in 6,8,10, and 12" flex duct installed under some of the conditions listed above. To provide the best product for the end user, I am requesting that section 603.6.1.1 be changed to a limitation of 8' (feet). Thank you for your consideration

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