

Central Iowa Code Consortium - Code Proposal Form

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

Name: *

Brian Bishop

Organization

City of Des Moines

Email Address *

bdbishop@dmgov.org

Confirm Email Address *

bdbishop@dmgov.org

Phone *

515-283-4958

Code Book *

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

IRC - International Residential Codes



Code Section *

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

302.13 Fire protection of floors

Is this an Appendix Chapter? *

Yes

No

If yes, which appendix?

Allowing Alpha Characters

Code Section Example

~~X~~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."

~~X~~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

Amend

Delete

Insert

Amend

Existing Text *

Full text as it is printed in the Code. Book Resource for code language - <https://codes.iccsafe.org/public/collections/I-Codes>

Existing CICC Amendment.

Delete Code Section: IRC 302.13, Exception 4

Replace with the following language:

Exception

4. Approved floor assemblies demonstrating equivalent fire performance by an approved testing company showing length and time duration for exposure to fire. It shall be defined by performance equivalent to 26 minutes using ASTM E119 standard fire endurance testing with a superimposed load simulating a maximum load condition (i.e. 100% design load).

Proposed Text *

R302.13 Fire protection of floors. Floor assemblies that are not required elsewhere in this code to be fire-resistance rated, shall be provided with a 1/2-inch (12.7 mm) gypsum wallboard membrane, 5/8-inch (16 mm) wood structural panel membrane, or equivalent on the underside of the floor framing member. Penetrations or openings for ducts, vents, electrical outlets, lighting, devices, luminaires, wires, speakers, drainage, piping and similar openings or penetrations shall be permitted.

Exceptions:

1. Floor assemblies located directly over a space protected by an automatic sprinkler system in accordance with Section P2904, NFPA 13D, or other approved equivalent sprinkler system.
 2. Floor assemblies located directly over a crawl space not intended for storage or for the installation of fuel-fired or electric-powered heating appliances.
 3. Portions of floor assemblies shall be permitted to be unprotected where complying with the following:
 - 3.1. The aggregate area of the unprotected portions does not exceed 80 square feet (7.4 m²) per story.
 - 3.2. Fireblocking in accordance with Section R302.11.1 is installed along the perimeter of the unprotected portion to separate the unprotected portion from the remainder of the floor assembly.
 4. Wood floor assemblies using dimension lumber or structural composite lumber equal to or greater than 2-inch by 10-inch (50.8 mm by 254 mm) nominal dimension, or other approved floor assemblies demonstrating equivalent fire performance.
-

Delete

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>

Insert

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 *

Delete the existing CICC amendment regarding fire protection of floors and replace with existing code text. Many jurisdictions have either deleted this amendment or modified this amendment. The fire protection of floor is a benefit for first responder. The two cornerstone of building codes are to protect the occupants of a structure and to protect first responders during firefighting operations. The floor protection provision provides some level of protection for both the occupants and firefighters. This provision has been very slow to catch on with only a few communities adopting floor protection provisions. It seems that a unified set of communities using the IRC code language would be an easier sell to builders rather than trying to push additional testing requirements in order to not allow the use of 2x10's.

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