

Central Iowa Code Consortium - Code Proposal Form

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

Name: *

Mike Minnick

Organization

Email Address *

mrminnick@dmgov.org

Confirm Email Address *

mrminnick@dmgov.org

Phone *

515-237-1462

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>

306.5

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

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>

306.5 Equipment and appliances on roofs or elevated structures. Where equipment requiring access or appliances are located on an elevated structure or the roof of a building such that personnel will have to climb higher than 16 feet (4877 mm) above grade to access such equipment or appliances, an interior or exterior means of access shall be provided. Such access shall not require climbing over obstructions greater than 30 inches (762 mm) in height or walking on roofs having a slope greater than four units vertical in 12 units horizontal (33-percent slope). Such access shall not require the use of portable ladders. Where access involves climbing over parapet walls, the height shall be measured to the top of the parapet wall.

Permanent ladders installed to provide the required access shall comply with the following minimum design criteria:

1. The side railing shall extend above the parapet or roof edge not less than 30 inches (762 mm).
2. Ladders shall have rung spacing not to exceed 14 inches (356 mm) on center. The uppermost rung shall be not greater than 24 inches (610 mm) below the upper edge of the roof hatch, roof or parapet, as applicable.
3. Ladders shall have a toe spacing not less than 6 inches (152 mm) deep.
4. There shall be not less than 18 inches (457 mm) between rails.
5. Rungs shall have a diameter not less than 0.75-inch (19.1 mm) and be capable of withstanding a 300-pound (136 kg) load.
6. Ladders over 30 feet (9144 mm) in height shall be provided with offset sections and landings capable of withstanding 100 pounds per square foot (488 kg/m²). Landing dimensions shall be not less than 18 inches (457 mm) and not less than the width of the ladder served. A guard rail shall be provided on all open sides of the landing.
7. Climbing clearance. The distance from the centerline of the rungs to the nearest permanent object on the

climbing side of the ladder shall be not less than 30 inches (762 mm) measured perpendicular to the rungs. This distance shall be maintained from the point of ladder access to the bottom of the roof hatch. A minimum clear width of 15 inches (381 mm) shall be provided on both sides of the ladder measured from the midpoint of and parallel with the rungs except where cages or wells are installed.

8. Landing required. The ladder shall be provided with a clear and unobstructed bottom landing area having a minimum dimension of 30 inches (762 mm) by 30 inches (762 mm) centered in front of the ladder.

9. Ladders shall be protected against corrosion by approved means

10. Access to ladders shall be provided at all times.

Catwalks installed to provide the required access shall be not less than 24 inches (610 mm) wide and shall have railings as required for service platforms.

Exception: This section shall not apply to Group R-3 occupancies

Proposed Text *

Delete the Exception: This shall not apply to Group R-3 occupancies.

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 *

The danger and risk is no less important to service personnel and possibly even homeowners servicing their own equipment on residential property. Getting to equipment elevated more than 16' above grade has same danger on a commercial property as well as residential.

This content is neither created nor endorsed by Google.

Google Forms