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2018 GROUP A PROPOSED CHANGES TO THE I-CODES COLUMBUS COMMITTEE ACTION HEARINGS

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CCC-F11-18

IFC: 3806.2

Proponent: Kevin Scott, representing KH Scott & Associates LLC (khscottassoc@gmail.com)

2018 International Fire Code

Revise as follows:

3806.2 Hazardous materials storage and use. Storage and use of hazardous materials within *control areas* in new and existing laboratories equipped with an *automatic sprinkler system* shall be in accordance with this section and Chapters 50 through 67, as applicable.

Exception: Existing laboratories in buildings equipped throughout with an automatic sprinkler system meeting requirements for laboratory suites are permitted to comply with Section 3804.

Reason:

This is an editorial change to correct the term for "automatic sprinkler system."

Cost Impact

The code change proposal will not increase or decrease the cost of construction .

This proposal is editorial.

Internal ID: 2355

CCC-F4-18

IFC: 2311.8.4.4

Proponent: Kevin Scott, representing KH Scott & Associates LLC (khscottassoc@gmail.com)

2018 International Fire Code

Revise as follows:

2311.8.4.4 Clear space. Motor vehicle repair booths shall be installed so that all parts of the booth ~~provide~~ are provided with ready access for cleaning. A clear area of not less than 3 feet (914 mm) wide shall be maintained on all sides of the motor vehicle repair booth. This clear area shall be kept free of any storage or combustibile construction.

Exceptions:

1. This requirement shall not prohibit locating a motor vehicle repair booth closer than 3 feet (914 mm) to or directly against an interior partition, wall or floor/ceiling assembly that has a fire-resistance rating of not less than 1 hour, provided that the motor vehicle repair booth can be adequately maintained and cleaned.
2. This requirement shall not prohibit locating a motor vehicle repair booth closer than 3 feet (914 mm) to an exterior wall or a roof assembly, provided that the wall or roof is constructed of noncombustible material and the motor vehicle repair booth can be adequately maintained and cleaned.

Reason:

This revision clarifies the application of this section.

The booth does not "provide" access; the booth is "provided with" access. This revision clarifies this section.

Cost Impact

The code change proposal will not increase or decrease the cost of construction .

This is clarification. There is no change in code requirements.

Internal ID: 2332

CCC-F8-18

IFC: 3805.2, 3805.3

Proponent: Kevin Scott, representing KH Scott & Associates LLC (khscottassoc@gmail.com)

2018 International Fire Code

Revise as follows:

3805.2 ~~Nonsprinklered laboratories~~ Maximum allowable quantities. The maximum allowable quantities of hazardous materials in storage and use in *control areas* in laboratories located in buildings not equipped throughout with an *automatic sprinkler system* in accordance with Section 903.3.1.1 shall be in accordance with Tables 5003.1.1(1), 5003.1.1(2) and 5003.8.3.2, except as modified by Sections 3805.2.1 and 3805.2.2.

3805.3 ~~Restricted materials automatic~~ Automatic fire detection. An automatic fire detection system shall be installed in all existing laboratories in nonsprinklered buildings in accordance with this section. Detectors shall be connected to the building's fire alarm control unit where a fire alarm system is provided. Detector initiation shall activate the occupant notification system in accordance with Section 907.5 where connected to the building's fire alarm control unit. Activation of the detection system shall sound a local alarm in buildings not equipped with a fire alarm notification system.

Reason:

These revisions are simply to have the section title more appropriately depict the section content.

All of Section 3805 addresses Nonsprinklered Laboratories, so the title of Section 3805.2 is revised to Maximum Allowable Quantities since that is what is regulated in that section.

Section 3805.3 is revised by deleted the words "Restricted Materials" since they do not apply the section at all.

Cost Impact

The code change proposal will not increase or decrease the cost of construction .

There is no change in requirements.

Internal ID: 2314

CCC-E5-18

IBC: 1029.16.1 (IFC[BE] 1029.16.1)

Proponent: Homer Maiel, representing ICC Tri-Chapter (Peninsula, East Bay, Monterey Bay) (hmaiel@gmail.com)

2018 International Building Code

Revise as follows:

1029.16.1 Discontinuous mid-aisle handrails. Where there is seating on both sides of the aisle, the mid-aisle *handrails* shall be discontinuous with gaps or breaks at intervals not exceeding five rows to facilitate access to seating and to permit crossing from one side of the *aisle* to the other. These gaps or breaks shall have a clear width of not less than 22 inches (559 mm) and not greater than 36 inches (914 mm), measured horizontally, and the mid-aisle *handrail* shall have rounded terminations or bends.

Reason:

This merely clarifies the code section.

Cost Impact

The code change proposal will not increase or decrease the cost of construction .

This changes simply clarifies the code provision.

Internal ID: 1061

CCC-P1-18

IPC: 705.2.1

Proponent: Michael Cudahy, representing Plastic Pipe and Fittings Association (mikec@cmservices.com)

2018 International Plumbing Code

Revise as follows:

705.2.1 Mechanical joints. Mechanical joints on drainage ~~pipes~~ pipe shall be made with an elastomeric seal conforming to ASTM C1173, ASTM D3212, or CSA B602. Mechanical joints shall not be installed ~~only in underground~~ above-ground systems unless otherwise *approved*. Joints shall be installed in accordance with the manufacturer's instructions.

705.10.1 Mechanical joints. Mechanical joints on drainage pipe shall be made with an elastomeric seal conforming to ASTM C1173, ASTM D3212 or CSA B602. Mechanical joints shall not be installed in above-ground systems, unless otherwise *approved*. Joints shall be installed in accordance with the manufacturer's instructions.

Reason:

Getting the ABS and PVC sections to correlate. There is slightly different language used.

Cost Impact

The code change proposal will not increase or decrease the cost of construction .

This wording change is essentially editorial and does not change technical requirements.

Internal ID: 983

CCC-G2-18

IBC: 202

Proponent: Michael O'Brian, Chair, representing FCAC (FCAC@iccsafe.org); Ed Kullik, Chair, representing ICC Building Code Action Committee (BCAC@iccsafe.org)

2018 International Building Code

Delete without substitution:

~~**[BG] CABLE-RESTRAINED, AIR-SUPPORTED STRUCTURE.** A structure in which the uplift is resisted by cables or webbings which are anchored to either foundations or dead men. Reinforcing cable or webbing is attached by various methods to the membrane or is an integral part of the membrane. This is not a cable-supported structure.~~

Reason:

The words **CABLE-RESTRAINED, AIR-SUPPORTED STRUCTURE** are not used anywhere in IBC or IFC, except in the definition. The term "air-supported" is defined separately, the term "cable-restrained" is intuitive. The last sentence of the definition is present to make a clear distinction between "cable-restrained", and "cable-supported", yet the term "cable-supported" is also neither defined nor used.

Cost Impact

The code change proposal will not increase or decrease the cost of construction .

This proposal simply deletes an obsolete definition.

Internal ID: 345

CCC-FS5-18

IBC: 715

Proponent: Michael O'Brian, Chair, representing FCAC (fcac@iccsafe.org)

2018 International Building Code

Revise as follows:

SECTION 715 FIRE-RESISTANT JOINT SYSTEMS JOINTS AND VOIDS

Reason:

Section 715 covers more than just fire-resistant rated joint systems, it actually covers both joints and voids. This editorial title change is consistent with the concept of Section 714, entitled Penetrations.

The proposal compliments a proposal which reorganizes Section 715.

This proposal is submitted by the ICC Fire Code Action Committee (FCAC). The FCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes with regard to fire safety and hazardous materials in new and existing buildings and facilities and the protection of life and property in wildland urban interface areas. In 2017 the Fire-CAC has held 3 open meetings. In addition, there were numerous conference calls, Regional Work Group and Task Group meetings for the current code development cycle, which included members of the committees as well as any interested parties, to discuss and debate the proposed changes. Related documentation and reports are posted on the FCAC website at: <https://www.iccsafe.org/codes-tech-support/cs/fire-code-action-committee-fcac/>

Cost Impact

The code change proposal will not increase or decrease the cost of construction .

This proposal simply changes the title of the Section.

Internal ID: 324
