IADMIN

2016 GROUP B COMMITTEE ACTION HEARINGS

APRIL 17, 2016 – APRIL 27, 2016
KENTUCKY INTERNATIONAL
CONVENTION CENTER
LOUISVILLE, KY

ICC
INTERNATIONAL
CODE COUNCIL®

First Printing

Publication Date: March 2016

PRINTED IN THE U.S.A.

2016 GROUP B – PROPOSED CHANGES TO THE ADMINISTRATIVE PROVISIONS CODE

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TENTATIVE ORDER OF DISCUSSION
2016 PROPOSED CHANGES TO THE
ADMINISTRATIVE PROVISIONS CODE

The following is the tentative order in which the proposed changes to the code will be discussed at the public hearings. Proposed changes which impact the same subject have been grouped to permit consideration in consecutive changes.

Proposed change numbers that are indented are those which are being heard out of numerical order. Indentation does not necessarily indicate that one change is related to another. Proposed changes may be grouped for purposes of discussion at the hearing at the discretion of the chair. Note that some ADM code change proposals may not be included on this list, as they are being heard by another committee.

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ADM1-16

Part I:
IBC: 202
Part II:
IECC-CE: C202
Part III:
IECC-RE: R202 (IRC: N1101.6)
Part IV:
IRC: R202

THIS IS A 4 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. PART IV WILL BE HEARD BY THE RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Edward Kulik, representing Building Code Action Committee (BCAC@iccsafe.org); David Collins, representing ICC Sustainability Energy and High Performance Code Action Committee (SEHPCAC@iccsafe.org)

Part I

2015 International Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] ADDITION. An extension or increase in floor area, number of stories, or height of a building or structure.

Part II

2015 International Energy Conservation Code

Revise as follows:

SECTION C202 DEFINITIONS

ADDITION. An extension or increase in the *conditioned space*floor area, number of stories, or height of a building or structure.

Part III

2015 International Energy Conservation Code

Revise as follows:

SECTION R202 DEFINITIONS

GENERAL DEFINITIONS

R202 (N1101.6) ADDITION. An extension or increase in the *conditioned space* floor area, number of stories, or height of a building or structure.

Part IV

2015 International Residential Code

Revise as follows:

SECTION R202 DEFINITIONS

[RB] ADDITION. An extension or increase in floor area, number of stories, or height of a building or structure.

Reason: The intent of this proposal is to achieve consistency across the codes for the defined term; addition, which is currently in the IEBC. There are existing triggers in the I-code based on number of stories and a story would add to aggregate buildig area but may not increase the baseic building footrpoint (floor area per story).
This proposal is submitted by the ICC Building Code Action Committee (BCAC) and the ICC Sustainability Energy and High Performance Code Action Committee (SEHPCAC).

BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

The SEHPCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance International Codes with regard

to sustainability, energy and high performance as it relates to the built environment included, but not limited to, how these criteria relate to the International Green Construction Code (IgCC) and the International Energy Conservation Code (IECC). In 2015, the SEHPCAC has held three two- or three-day open meetings and 25 workgroup calls, which included members of the SEHPCAC as well as any interested parties, to discuss and debate proposed changes and public comments.

Cost Impact: Will not increase the cost of construction
No increase in costs as this is an editorial revision for consistency in definitions between I-codes.

ADM1-16 : 202-[A] ADDITION-KULIK11145

ADM2-16

Part I:
ISPSC: 202
Part II:
IECC-CE: C202
Part III:
IECC-RE: R202 (IRC: N1101.6)
Part Part IV:
IRC: R202

THIS IS A 4 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. PART IV WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Janine Snyder, representing Plumbing Mechanical and Fuel Gas Code Action Committee (PMGCAC@iccsafe.org); Dave Collins, representing Sustainability, Energy and High Performance Building Code Action Committee (SEHPCAC@iccsafe.org)

Part I

2015 International Swimming Pool and Spa Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] ALTERATION. ~~Construction~~
Any construction or renovation to an existing pool or spa other than repair ~~that requires a permit~~.

Part II

2015 International Energy Conservation Code

Revise as follows:

SECTION C202 DEFINITIONS

ALTERATION. Any construction, retrofit or renovation to an existing structure other than repair or addition ~~that requires a permit~~. Also, a change in a building, electrical, gas, mechanical or plumbing system that involves an extension, addition or change to the arrangement, type or purpose of the original installation ~~that requires a permit~~.

Part III

2015 International Energy Conservation Code

Revise as follows:

SECTION R202 DEFINITIONS

GENERAL DEFINITIONS

R202 (N1101.6) ALTERATION. Any construction, retrofit or renovation to an existing structure other than repair or addition ~~that requires a permit~~. Also, a change in a building, electrical, gas, mechanical or plumbing system that involves an extension, addition or change to the arrangement, type or purpose of the original installation ~~that requires a permit~~.

Part Part IV

2015 International Residential Code

Revise as follows:

SECTION 202 DEFINITIONS

[RB] ALTERATION. Any construction, retrofit or renovation to an existing structure other than repair or addition ~~that requires a permit~~. Also, ~~a~~ any change in a building~~,~~ electrical, gas, mechanical or plumbing system that involves an extension, addition or change to the arrangement, type or purpose of the original installation ~~that requires a permit~~.

Reason: The intent of this proposal is to provide consistent terminology for 'Alteration' across codes. Currently IBC, IFC, IMC, IEBC and IFGC do not contain the phrase "that requires a permit" within the definition. Alterations can occur regardless of the requirement for a permit. Exemptions from permit requirements are elsewhere in Chatper 1.

While alteration also includes 'or addition" in codes other than ISPSC, this code does not include a defintin for addition.

This proposal is submitted by the ICC Building Code Action Committee (BCAC), the ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC) and the ICC Sustainability Energy and High Performance Code Action Committee (SEHPCAC).

BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

The PMGCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes and the code content in terms of scope and application of referenced standards. The PMGCAC has held one open meeting and multiple conference calls which included members of the PMGCAC. Interested parties also participated in all conference calls to discuss and debate the proposed changes.

The SEHPCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance International Codes with regard to sustainability, energy and high performance as it relates to the built environment included, but not limited to, how these criteria relate to the International Green Construction Code (IgCC) and the International Energy Conservation Code (IECC). In 2015, the SEHPCAC has held three two- or three-day open meetings and 25 workgroup calls, which included members of the SEHPCAC as well as any interested parties, to discuss and debate proposed changes and public comments. Related documentation and reports are posted on the SEHPCAC website at: http://www.iccsafe.org/cs/SEHPCAC/Pages/default.aspx.

Cost Impact: Will not increase the cost of construction
No cost increase as this is an editorial revision to coordinate definitions between I-codes.

ADM2-16 : C202-ALTERATION-SNYDER11148

ADM3-16

IEBC: 202

Proponent : Edward Kulik, representing Building Code Action Committee (bcac@iccsafe.org); David Bonowitz, representing National Council of Structural Engineers Association (dbonowitz@att.net); Kathleen Petrie, representing City of Seattle, Department of Planning and Development (kathleen.petrie@seattle.gov)

2015 International Existing Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] ALTERATION Any construction or renovation to an existing structure other than a *repair* or *addition*. ~~Alterations are classified as Level 1, Level 2 and Level 3.~~

Reason:
Kulik - Alteration classifications are discussed in the body of the code, therefore reference to them in the definition is not necessary.

This proposal is submitted by the ICC Building Code Action Committee (BCAC). BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

Bonowitz - The proposal corrects the definition of Alteration. Alteration Levels 1, 2, and 3 apply to only one of the IEBC's three methods. Therefore, the second part of the definition should be removed.

Petrie - Of the IEBC's 3 compliance methods, only the work area method classifies alterations into "levels." By removing the level classifications, this definition now matches the IBC definition for "Alteration".

Cost Impact: Will not increase the cost of construction
Kulik, Bonowitz - No increase in cost as this is a clarification of the definition without affecting the technical requirements.
Petrie - This modification does not remove or add to a requirement, so costs are not increased or decreased.

ADM3-16 : 202-ALTERATION-KULIK11147

ADM4-16

Part I:
IEBC: 202; ISPSC: 202
Part II:
IECC-CE: C202
Part III:
IECC-RE: R202

THIS IS A 3 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Edward Kulik, representing Building Code Action Committee (BCAC@iccsafe.org); David Collins, representing ICC Sustainability Energy and High Performance Code Action Committee (SEHPCAC@iccsafe.org); Janine Snyder, ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC@iccsafe.org)

Part I

2015 International Existing Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] APPROVED. Acceptable to the *code official*~~or authority having jurisdiction~~.

2015 International Swimming Pool and Spa Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] APPROVED. Acceptable to the ~~code official or authority having jurisdiction~~*code official*.

Part II

2015 International Energy Conservation Code

Revise as follows:

SECTION C202 DEFINITIONS

APPROVED. ~~Approval by~~
Acceptable to the ~~*code official* as a result of investigation and tests conducted by him or her, or by reason of accepted principles or tests by nationally recognized organizations~~ code official.

Part III

2015 International Energy Conservation Code

Revise as follows:

SECTION R202 DEFINITIONS

APPROVED. ~~Approval by~~
Acceptable to the ~~*code official* as a result of investigation and tests conducted by him or her, or by reason of accepted principles or tests by nationally recognized organizations~~ code official.

Reason: The intent of this proposal is to provide consistent language for the defined term 'Approved' within the I-codes. In several of the current I-codes, including the IBC and IFC and IMC the term is currently defined as "APPROVED. Acceptable to the code official." There is a published errata to the IPC for the defintion for 'approved' that matches what is proposed here.
This proposal is submitted by the ICC Building Code Action Committee (BCAC), the ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC) and High Performance Code Action Committee (SEHPCAC)..

BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

The PMGCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes and the code content in terms of scope and application of referenced standards. The PMGCAC has held one open meeting and multiple conference calls which included members of the PMGCAC. Interested parties also participated in all conference calls to discuss and debate the proposed changes.

The SEHPCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance International Codes with regard to sustainability, energy and high performance as it relates to the built environment included, but not limited to, how these criteria relate to the International Green Construction Code (IgCC) and the International Energy Conservation Code (IECC). In 2015, the SEHPCAC has held three two- or three-day open meetings and 25 workgroup calls, which included members of the SEHPCAC as well as any interested parties, to discuss and debate proposed changes and public comments.

Cost Impact: Will not increase the cost of construction
No increase in costs as this is an editorial correlation of defined terms between the I-codes.

ADM4-16 : C202-APPROVED-KULIK12129

ADM5-16

Part I:
IEBC: 202, [BS] A503.1; ISPSC: 202
Part II:
IRC: R202

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Maureen Traxler, representing City of Seattle Dept of Construction & Inspections (maureen.traxler@seattle.gov)

Part I

2015 International Existing Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] APPROVED. Acceptable to the *code official*~~or authority having jurisdiction~~.

[BS] A503.1 General. This chapter provides a three-tiered procedure to evaluate the need for *seismic rehabilitation*of existing concrete buildings. The evaluation shall show that the *existing building*is in compliance with the appropriate part of the evaluation procedure as described in Sections A505, A506 and A507, or shall be modified to conform to the respective acceptance criteria. This chapter does not preclude a building from being evaluated or modified to conform to the acceptance criteria using other well-established procedures, based on rational methods of analysis in accordance with principles of mechanics and approved by the ~~authority having jurisdiction~~ code official.

2015 International Swimming Pool and Spa Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] APPROVED. Acceptable to the code official~~ or authority having jurisdiction~~.

[A] PERMIT. An official document or certificate issued by the ~~authority having jurisdiction~~ code official that authorizes performance of a specified activity.

Part II

2015 International Residential Code

Revise as follows:

SECTION R202 DEFINITIONS

[RB] PERMIT. An official document or certificate issued by the ~~authority having jurisdiction~~ building official that authorizes performance of a specified activity.

Reason: During the last code cycle, proposal ADM55-13 removed the term "authority having jurisdiction" almost everywhere in the International Codes. The exceptions were the IEBC, IRC and ISPSC. This proposal makes those codes consistent with all the other codes. The codes clearly identify the code official/building official as the person with authority for issuing permits and making other approvals so "authority having jurisdiction" is the code official/building official. This proposal makes the definitions consistent in all the codes.
IEBC Section 1205.5 is not included in this proposal even though it uses the term. The provisions for historic buildings are not consistent across the codes, so we decided to leave that issue for another code cycle.

Cost Impact: Will not increase the cost of construction
This proposal makes provisions consistent among codes and will not affect the cost of construction.

ADM5-16 : 202-[A] APPROVED-TRAXLER12267

ADM6-16

Part I:
IBC: 202; IFGC: 202; IMC: 202; IPC: 202; ISPSC: 202
Part II:
IECC-CE: C202
Part III:
IECC-RE: R202
Part IV:
IRC: R202

THIS IS A 4 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. PART IV WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Larry Wainright, Representing the Structural Building Components Association (lwainright@qualtim.com)

Part I

2015 International Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] APPROVED AGENCY. An established and recognized agency that is regularly engaged in conducting tests or, furnishing inspection services, or furnishing product certification research reports, where such agency has been ~~*approved*~~ approved by the ~~*building official*~~building official. Such agencies shall be accredited by a nationally recognized accreditation body for testing, inspections or product certification.

2015 International Fuel Gas Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] APPROVED AGENCY. An established and recognized agency that is regularly engaged in conducting tests or, furnishing inspection services, or furnishing product certification research reports, where such agency has been approved by the *code official*. Such agencies shall be accredited by a nationally recognized accreditation body for testing, inspections or product certification.

2015 International Mechanical Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] APPROVED AGENCY. An established and recognized agency that is regularly engaged in conducting tests or, furnishing inspection services, or furnishing product certification research reports, where such agency has been approved by the code official. Such agencies shall be accredited by a nationally recognized accreditation body for testing, inspections or product certification.

2015 International Plumbing Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] APPROVED AGENCY. An established and recognized agency that is regularly engaged in conducting tests or, furnishing inspection services, or furnishing product certification research reports, where such agency has been ~~*approved*~~ approved by the code official. Such agencies shall be accredited by a nationally recognized accreditation body for testing, inspections or product certification.

2015 International Swimming Pool and Spa Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] APPROVED AGENCY. An established and recognized agency that is regularly engaged in conducting tests or, furnishing inspection services, ~~when~~ or furnishing product certification research reports, where such agency has been ~~*approved*~~ approved by the code official. Such agencies shall be accredited by a nationally recognized accreditation

body for testing, inspections or product certification.

Part II

2015 International Energy Conservation Code

Revise as follows:

SECTION C202 DEFINITIONS

APPROVED AGENCY. An established and recognized agency that is regularly engaged in conducting tests or, furnishing inspection services, ~~when~~ or furnishing product certification research reports, where such agency has been approved by the code official. Such agencies shall be accredited by a nationally recognized accreditation body for testing, inspections or product certification.

Part III

2015 International Energy Conservation Code

Revise as follows:

SECTION R202 DEFINITIONS

APPROVED AGENCY. An established and recognized agency that is regularly engaged in conducting tests or, furnishing inspection services, ~~when~~ or furnishing product certification research reports, where such agency has been approved by the ~~*code official*~~code official. Such agencies shall be accredited by a nationally recognized accreditation body for testing, inspections or product certification.

Part IV

2015 International Residential Code

Revise as follows:

SECTION 202 DEFINITIONS

[RB] APPROVED AGENCY. An established and recognized agency that is regularly engaged in conducting tests or, furnishing inspection services, or furnishing product certification research reports, where such agency has been ~~*approved*~~approved by the building official. Such agencies shall be accredited by a nationally recognized accreditation body for testing, inspections or product certification.

Reason: To clarify that approved agencies are generally approved via being accredited by a nationally recognized accreditation body for testing, inspections or product certification.

Cost Impact: Will not increase the cost of construction
This is simply a definition with no change in the technical requirements of the code. Therefore this proposal will not increase the cost of construction.

ADM6-16 : 202-[A]-APPROVED AGENCY-WAINRIGHT12979

ADM7-16
Part I:
IBC: 202
Part II:
IRC: R202 (New)

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Larry Wainright, representing the Structural Building Components Association, representing Structural Building Components Association (lwainright@qualtim.com)

Part I

2015 International Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] APPROVED SOURCE. An independent person, firm or corporation, *approved* by the *building official*, who is competent and experienced in the application of engineering principles to materials, methods or systems analyses in accordance with governing professional engineering laws.

Part II

2015 International Residential Code

Add new definition as follows:

SECTION R202 DEFINITIONS

APPROVED SOURCE. An independent person, firm or corporation, *approved* by the *building official*, who is competent and experienced in the application of engineering principles to materials, methods or systems analyses in accordance with governing professional engineering laws.

Reason: PART I -
To clarify that all engineering related work must be performed with respect to the professional engineering laws of the jurisdiction within which the engineering work is taking place.

PART II -

This proposal brings in the IBC definition and modifies it to add the phrase " in accordance with governing professional engineering laws" to clarify that all engineering related work must be performed with respect to the professional engineering laws of the jurisdiction within which the engineering work is taking place.A coordinating proposal has also been submitted for the IBC definition to add this phrase.

Cost Impact: Will not increase the cost of construction
This is simply a definition with no change in the technical requirements of the code. Therefore this proposal will not increase the cost of construction.

ADM7-16 : 202-[A] APPROVED SOURCE-WAINRIGHT12990

ADM8-16

Part I:
IEBC: 202 (New); IMC: 202; IPC: 202
Part II:
IRC: R202

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Edward Kulik, representing Building Code Action Committee (BCAC@iccsafe.org); Janine Snyder, ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC@iccsafe.org)

Part I

2015 International Existing Building Code

Add new definition as follows:

SECTION 202 DEFINITIONS

BUILDING. Any structure used or intended for supporting or sheltering any use or *occupancy*.

2015 International Plumbing Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] BUILDING. Any structure ~~occupied~~ used or intended for supporting or sheltering any use or *occupancy*.

2015 International Mechanical Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] BUILDING. Any structure ~~occupied~~ used or intended for supporting or sheltering any use or *occupancy*.

Part II

2015 International Residential Code

Revise as follows:

SECTION 202 DEFINITIONS

[RB] BUILDING. ~~Building shall mean any~~
Any one- and two-family dwelling or portion thereof, including *townhouses*, that is used~~, or designed~~ or intended to be used for human habitation, for living, sleeping, cooking or eating purposes, or any combination thereof, ~~and shall include~~ or any*accessory* ~~*structures*~~ *structure* ~~thereto~~.

Reason: The intent of this proposal is to provide consistent language for the defined term "Building" as across the I-codes. The proposed text for IEBC, PMC and IMC matches how 'building' is defined in the IFC, IWUIC, IBC and IZC. The IECC defines 'building' with similar wording. The term "used" is more appropriate than occupied as some buildings are not necessarily occupied, such as a storage facility. Regarding the IRC definition, the phrase "Building shall mean" is unnecessary as this is already identified as a definition.

This proposal is submitted by the ICC Building Code Action Committee (BCAC) and the ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC).

BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

The PMGCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes and the code content in terms of scope and application of referenced standards. The PMGCAC has held one open meeting and multiple conference calls which included members of the PMGCAC. Interested parties also participated in all conference calls to discuss and debate the proposed changes.

Cost Impact: Will not increase the cost of construction
No increase in costs as this is an editorial correlation of definitions within the I-codes.

ADM8-16 : 202-BUILDING (New)-KULIK11151

ADM9-16

Part I:
IBC: 202; IEBC: 202; IFC: 202
Part II:
IECC-CE: C202 (New)
Part III:
IECC-RE: R202(New) [IRC: N1101.6 (New)]
Part IV:
IRC: R202 (New)

THIS IS A 4 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. PART IV WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Marcelo Hirschler, representing GBH International (gbhint@aol.com); Jeffrey Shapiro, representing Self (jeff.shapiro@intlcodeconsultants.com); Kevin Scott, representing KH Scott & Associates LLC (khscottassoc@gmail.com)

Part I

2015 International Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] CHANGE OF OCCUPANCY. A change in the ~~purpose~~ use of a building or ~~level~~ a portion of ~~activity~~ a building which results in a change of occupancy classification, a change from one group to another group within an occupancy classification, or any change in use within a ~~building that involves~~ group for a ~~change in application of the requirements of this code~~ specific occupancy classification.

2015 International Existing Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] CHANGE OF OCCUPANCY. A change in the use of ~~the~~ a building or a portion of a building~~. A change of occupancy shall include any~~ which results in a change of occupancy classification, ~~any~~ a change from one group to another group within an occupancy classification, or any change in use within a group for a specific occupancy classification.

2015 International Fire Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] CHANGE OF OCCUPANCY. A change in the use of a building or a portion of a building~~. A change of occupancy shall include any~~ which results in a change of occupancy classification, ~~any~~ a change from one group to another group within an occupancy classification, or any change in use within a group for a specific occupancy classification.

Part II

2015 International Energy Conservation Code

Add new definition as follows:

SECTION C202 DEFINITIONS

CHANGE OF OCCUPANCY A change in the use of a building or a portion of a building which results in a change of occupancy classification, a change from one group to another group within an occupancy classification, or any change in use within a group for a specific occupancy classification.

Part III

2015 International Energy Conservation Code

Revise as follows:

SECTION R202 DEFINITIONS

GENERAL DEFINITIONS

Add new text as follows:

R202 (N1101.6) **CHANGE OF OCCUPANCY** A change in the use of a building or a portion of a building which results in a change of occupancy classification, a change from one group to another group within an occupancy classification, or any change in use within a group for a specific occupancy classification.

Part IV

2015 International Residential Code

Add new definition as follows:

SECTION 202 DEFINITIONS

CHANGE OF OCCUPANCY. A change in the use of a building or a portion of a building which results in a change of occupancy classification, a change from one group to another group within an occupancy classification, or any change in use within a group for a specific occupancy classification.

Reason: The intent of this proposal is to provide a consistent definition for the term 'change of occupancy' in the I-codes w here the term is used. The term is used to identify change in use of building w hich results in change in the occupancy classification. This is specifically addressed in the proposed definition for the codes.

Cost Impact: Will not increase the cost of construction
Correlation of definitions only.

ADM9-16 : 202-HIRSCHLER12621

ADM10-16

Part I:
IBC: 202; IEBC: 202
Part II:
IRC: R105.1, R110.1, R202 (New)

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Edward Kulik, representing Building Code Action Committee (bcac@iccsafe.org)

Part I

2015 International Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] CHANGE OF OCCUPANCY. A change in the purpose or level of activity within a building or portion of a building that involves a change in application of the requirements of this code. A change of occupancy shall include any change of occupancy classification, any change from one group to another group within an occupancy classification or any change in use within a group for a specific occupancy classification.

2015 International Existing Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] CHANGE OF OCCUPANCY A change in the ~~use~~ purpose or level of ~~the~~ activity within a building or ~~a~~ portion of a building that involves a change in application of the requirements of this code. A change of occupancy shall include any change of occupancy classification, any change from one group to another group within an occupancy classification or any change in use within a group for a specific occupancy classification.

Part II

2015 International Residential Code

Revise as follows:

R105.1 Required. Any owner or owner's authorized agent who intends to construct, enlarge, alter, repair, move, demolish or a change ~~the~~ of occupancy of a building or structure, or to erect, install, enlarge, alter, repair, remove, convert or replace any electrical, gas, mechanical or plumbing system, the installation of which is regulated by this code, or to cause any such work to be performed, shall first make application to the *building official* and obtain the required *permit*.

R110.1 Use and occupancy. A building or structure shall not be used or occupied, and a change ~~in the existing use~~ of occupancy or ~~occupancy classification~~ change of use of a building or structure or portion thereof shall not be made, until the *building official* has issued a certificate of occupancy therefor as provided herein. Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of this code or of other ordinances of the *jurisdiction*. Certificates presuming to give authority to violate or cancel the provisions of this code or other ordinances of the *jurisdiction* shall not be valid.

Exceptions:

1. Certificates of occupancy are not required for work exempt from permits under Section R105.2.
2. Accessory buildings or structures.

Add new definition as follows:

SECTION R202 DEFINITIONS

CHANGE OF OCCUPANCY. A change in the purpose or level of activity within a building or a portion of a building that involves a change in application of the requirements of this code.

Reason: The intent is a consistent use of the defined term 'Change of occupancy' in the three of the four I-codes where the term is used. This proposal does not include a revision to the IFC definition for 'change of occupancy' because that code is outside the scope of BCAC. A one- and two-family dwelling constructed under the IRC and subsequently adapted to become an owner-occupied lodging house or live/work as permitted by Exception #1 and #2 to R101.2 would be a change in use of the dwelling and, per the proposed definition, in the application of the IRC. Sections 105.1 and 110.1 have been revised to appropriately include the defined term.

This proposal is submitted by the ICC Building Code Action Committee (BCAC). BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open

meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

Cost Impact: Will not increase the cost of construction
No cost increase as this is an editorial correlation between I-codes.

ADM10-16 : R105.1-KULIK11156

ADM11-16

Part I:
IBC: 202, [A] 111.1; IEBC: [A] 110.1
Part II:
IRC: R110.1, R110.2

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Maureen Traxler, City of Seattle Dept of Construction & Inspections (maureen.traxler@seattle.gov)

Part I

2015 International Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] CHANGE OF OCCUPANCY. A change in the~~ purpose~~ use of a building or ~~level~~ portion of ~~activity~~ a building. A change of occupancy shall include any change of occupancy classification, any change from one group to another group within an occupancy classification or any change in use within a ~~building that involves~~ group for a ~~change in application of the requirements of this code~~ specific occupancy classification.

[A] 111.1 Use and occupancy. A building or structure shall not be used or occupied, and a change~~ in the existing use or~~ of occupancy~~ classification~~ of a building or structure or portion thereof shall not be made, until the *building official*has issued a certificate of occupancy therefor as provided herein. Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction.

> **Exception:**Certificates of occupancy are not required for work exempt from *permits*in accordance with Section 105.2.

2015 International Existing Building Code

Revise as follows:

[A] 110.1 Altered area use and occupancy classification change. Altered areas of a building and relocated buildings shall not be used or occupied, and change ~~in the existing use or~~ of occupancy~~ classification~~ of a building or portion thereof shall not be made until the code official has issued a certificate of occupancy therefor as provided herein. Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction.

Part II

2015 International Residential Code

Revise as follows:

R110.1 Use and occupancy. A building or structure shall not be used or occupied, and ~~a~~ change ~~in the existing use or~~ of occupancy~~ classification~~ of a building or structure or portion thereof shall not be made, until the ~~*building official*~~building official has issued a certificate of occupancy therefor as provided herein. Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of this code or of other ordinances of the ~~*jurisdiction*~~jurisdiction. Certificates presuming to give authority to violate or cancel the provisions of this code or other ordinances of the *jurisdiction* shall not be valid.

> **Exceptions:**
> 1. Certificates of occupancy are not required for work exempt from permits under Section R105.2.
> 2. Accessory buildings or structures.

R110.2 Change in use. Changes in ~~the character or use~~ ocupancy of an existing structure shall not be made except as specified in Sections 407 and 408 of the *International Existing Building Code*.

Reason: In the last code cycle, some changes were made relating to change of occupancy by EB52-13. "Change of occupancy" is defined as including change of occupancy classification (e.g. from A to B), change of group within a classification (e.g. from A-1 to A-2) and change of use (e.g. from A-2 casino to A-2 restaurant). This proposed revision to the defintion of change of occupancy will match the definition in IFC and IEBC.
This proposal makes some additional code changes for consistency with last cycle's changes. The IBC definition of "change of occupancy" is revised for consistency with the IEBC, and IBC Section 111.1 and IEBC 110.1 are revised to use the defined term. The definition includes the language being deleted from those sections so the meaning of the sections isn't changed.

Cost Impact: Will not increase the cost of construction
This proposal makes clarifications that will not affect the cost of construction.

ADM12-16

Part I:
IEBC: 202; IWUIC: 202
Part II:
IRC: R202

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Edward Kulik, representing Building Code Action Committee (BCAC@iccsafe.org); Adolf Zubia, representing Fire Code Action Committee (fcac@iccsafe.org)

Part I

2015 International Existing Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] CODE OFFICIAL The officer or other designated authority charged with the administration and enforcement of this code, or a duly authorized representative.

2015 International Wildland-Urban Interface Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] BUILDING OFFICIAL. The officer or other designated authority charged with the administration and enforcement of the *International Building Code*, or the ~~building official's~~ a duly authorized representative.

Part II

2015 International Residential Code

SECTION 202 DEFINITIONS

[RB] BUILDING OFFICIAL. The officer or other designated authority charged with the administration and enforcement of this code, or a duly authorized representative.

Reason: The intent is a consistent use of the defined term 'Building Official' as applicable to the code it is in. The term is already as proposed in the IBC, IFC, IPC, IMC and Energy – Commercial and Residential.
This proposal is submitted by the ICC Building Code Action Committee (BCAC) and the ICC Fire Code Action Committee (FCAC).

BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

FCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes as well as the code content in terms of scope and application of referenced standards. Since its inception in July, 2011, the Fire-CAC has held 10 open meetings and numerous Regional Work Group and Task Group meetings and conference calls which included members of the committees as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the FAC website at: http://www.iccsafe.org/cs/CAC/Pages/default.aspx?usertoken={token}&Site=icc

Cost Impact: Will not increase the cost of construction
No increase in cost as this is an editorial correllation of definitions between the I-codes.

ADM12-16 : 202-CODE OFFICIAL-KULIK11153

ADM13-16

Part I:
IBC: 202 (New); IEBC: 202
Part II:
IRC: R202, R202 (New)

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Maureen Traxler, City of Seattle Dept of Construction & Inspections (maureen.traxler@seattle.gov); Rebecca Quinn, representing Federal Emergency Management Agency (rcquinn@earthlink.net)

Part I

2015 International Building Code

Add new definition as follows:

SECTION 202 DEFINITIONS

[A] EXISTING BUILDING A building erected prior to the date of adoption of the appropriate code, or one for which a legal building permit has been issued. For application of provisions in flood hazard areas, an existing building is any building or structure for which the start of construction commenced before the effective date of the community's first flood plain management code, ordinance or standard.

2015 International Existing Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] EXISTING BUILDING A building erected prior to the date of adoption of the appropriate code, or one for which a legal building permit has been issued. For application of provisions in flood hazard areas, an existing building is any building or structure for which the start of construction commenced before the effective date of the community's first flood plain management code, ordinance or standard.

Part II

2015 International Residential Code

Revise as follows:

SECTION 202 DEFINITIONS

[RB] EXISTING BUILDING~~, EXISTING.~~ ~~Existing building is a~~
A building erected prior to the adoption of this code, or one for which a legal building *permit* has been issued. For application of provisions in flood hazard areas, an existing building is any building or structure for which the start of construction commenced before the effective date of the community's first flood plain management code, ordinance or standard.

Add new definition as follows:

EXISTING STRUCTURE A structure erected prior to the date of adoption of the appropriate code, or one for which a legal building permit has been issued. For application of provisions in flood hazard areas, an existing structure is any building or structure for which the start of construction commenced before the effective date of the community's first flood plain management code, ordinance or standard.

Reason: The IBC, IEBC and IRC all use the terms "existing building" and "existing structure." However, these code don't contain definitions of both terms. The IBC defines "existing structure;" and the IRC defines "building, existing." The IEBC has definitions of both terms--"existing building" is defined in the 2015 IEBC and "existing structure" was added in Group A by EB4-15. We reviewed the use of the terms in the codes and concluded that they are used interchangeably, and that including both definitions in each code is the most reasonable way to coordinate the use of the terms for the present and future.
The second purpose of this proposal is to incorporate provisions necessary for compliance with federal flood regulations into all of the definitions. Each definition should state how it applies with regard to flood hazard regulations.

Cost Impact: Will not increase the cost of construction
This proposal is clarifying definitions which will have no effect on the cost of construction.

ADM13-16 : 202-EXISTING BUILDING (NEW)-TRAXLER11804

ADM14-16

Part I:
IBC: 202; IFC: 202
Part II:
IRC: R202

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Edward Kulik, representing Building Code Action Committee (BCAC@iccsafe.org); Adolf Zubia, representing Fire Code Action Committee (fcac@iccsafe.org)

Part I

2015 International Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] HISTORIC BUILDINGS. ~~Buildings~~
Any building or structure that ~~are listed in~~ is one or ~~eligible for listing in~~ more of the ~~National Register of Historic Places, or designated as historic under an appropriate state or local law.~~ following:

1. Listed, or certified as eligible for listing, by the State Historic Preservation Officer or the Keeper of the National Register of Historic Places, in the National Register of Historic Places.
2. Designated as historic under an applicable state or local law.
3. Certified as a contributing resource within a National Register, state designated or locally designated historic district.

2015 International Fire Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] HISTORIC BUILDINGS. ~~Buildings~~
Any building or structure that ~~are listed in~~ is one or ~~eligible for listing in~~ more of the ~~National Register of Historic Places, or designated as historic under an appropriate state or local law.~~ following:

1. Listed, or certified as eligible for listing, by the State Historic Preservation Officer or the Keeper of the National Register of Historic Places, in the National Register of Historic Places.
2. Designated as historic under an applicable state or local law.
3. Certified as a contributing resource within a National Register, state designated or locally designated historic district.

Part II

2015 International Residential Code

Revise as follows:

SECTION R202 DEFINITIONS

[RB] HISTORIC BUILDING. ~~Buildings~~
Any building or structure that ~~are listed in~~ is one or ~~eligible for listing in~~ more of the ~~National Register of Historic Places, or designated as historic under an appropriate state or local law.~~ following:

1. Listed, or certified as eligible for listing, by the State Historic Preservation Officer or the Keeper of the National Register of Historic Places, in the National Register of Historic Places.
2. Designated as historic under an applicable state or local law.
3. Certified as a contributing resource within a National Register, state designated or locally designated historic district.

Reason: The intent is a consistent use of the defined term 'Historic Building'. The term is already as proposed in the IEBC, IPMC and Energy – Commercial. This also provides more flexibility to building owners that can comply with item #3. There is a published errata to IECC Residential that makes the definition the same as proposed.
This proposal is submitted by the ICC Building Code Action Committee (BCAC) and the ICC Fire Code Action Committee (FCAC).

BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and

conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

FCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes as well as the code content in terms of scope and application of referenced standards. Since its inception in July, 2011, the Fire-CAC has held 10 open meetings and numerous Regional Work Group and Task Group meetings and conference calls which included members of the committees as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the FAC website at: http://www.iccsafe.org/cs/CAC/Pages/default.aspx?usertoken={token}&Site=icc

Cost Impact: Will not increase the cost of construction
No cost increase as this is an editorial correlation of definitions between I-codes.

ADM14-16 : 202-[A] HISTORIC BUILDINGS-KULIK11157

ADM15-16

Part I:
IBC: 202; IFC: 202; ISPSC: 202; IZC: 202
Part II:
IRC: R202

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Edward Kulik, representing Building Code Action Committee (BCAC@iccsafe.org); Janine Snyder, ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC@iccsafe.org); Adolf Zubia, representing Fire Code Action Committee (fcac@iccsafe.org)

Part I

2015 International Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] JURISDICTION. The governmental unit that has adopted this code~~ under due legislative authority~~.

2015 International Fire Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] JURISDICTION. The governmental unit that has adopted this code~~ under due legislative authority~~.

2015 International Zoning Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] JURISDICTION. ~~As used in~~
The governmental unit that has adopted this code~~, jurisdiction is any political subdivision that adopts this code for administrative regulations within its sphere of authority~~.

2015 International Swimming Pool and Spa Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] JURISDICTION. The governmental unit that has adopted this code~~ under due legislative authority~~.

Part II

2015 International Residential Code

Revise as follows:

SECTION R202 DEFINITIONS

[RB] JURISDICTION. The governmental unit that has adopted this code~~ under due legislative authority~~.

Reason: The intent is a consistent use of the defined term 'Jurisdiction'. The phrase "under due legislative authority" is not required becauseother jurisdictions adopt codes through a variety of processes, not just via legislation. Many states have legislatively charged a specific agency such as a state code council with the responsibility for reviewing, adopting and updating a building code, but the actual process by which they do so is a regulatory process. Some jurisdictions may adopt or update a building code entirely through the regulatory process, without specific legislative authority.
This proposal is submitted by the ICC Building Code Action Committee (BCAC), the ICC Fire Code Action Committee (FCAC) and the ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC).

BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

FCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes as well as the code content in terms of scope and application of

referenced standards. Since its inception in July, 2011, the Fire-CAC has held 10 open meetings and numerous Regional Work Group and Task Group meetings and conference calls which included members of the committees as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the FAC website at: http://www.iccsafe.org/cs/CAC/Pages/default.aspx?usertoken={token}&Site=icc

The PMGCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes and the code content in terms of scope and application of referenced standards. The PMGCAC has held one open meeting and multiple conference calls which included members of the PMGCAC. Interested parties also participated in all conference calls to discuss and debate the proposed changes.

Cost Impact: Will not increase the cost of construction
No increase in cost as this is an editorial correlation of definitions between I-codes. Also, removing "under due legislative authority" from the IRC allows for a variety of processes to adopt the I-codes.

ADM15-16 : 202-[A] JURISDICTION-KULIK11158

ADM16-16

Part I:
IFC: 202; IFGC: 202; IMC: 202; IMPC: 202; ISPSC: 202
Part II:
IECC-CE: C202
Part III:
IECC-RE: R202
Part IV:
IRC: R202

THIS IS A 4 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. PART IV WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Edward Kulik, representing Building Code Action Committee (BCAC@iccsafe.org); David Collins, representing ICC Sustainability Energy and High Performance Code Action Committee (SEHPCAC@iccsafe.org); Janine Snyder, ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC@iccsafe.org); Adolf Zubia, representing Fire Code Action Committee (fcac@iccsafe.org)

Part I

2015 International Fuel Gas Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] LABELED. Equipment, materials or products to which have been affixed a label, seal, symbol or other identifying mark of a nationally recognized testing laboratory, ~~inspection~~ approved agency or other organization concerned with product evaluation that maintains periodic inspection of the production of the above-labeled items and whose labeling indicates either that the ~~*equipment*~~equipment, material or product meets identified standards or has been tested and found suitable for a specified purpose.

2015 International Fire Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] LABELED. Equipment, materials or products to which have been affixed a label, seal, symbol or other identifying mark of a nationally recognized testing laboratory, ~~*approved*~~approved agency or other organization concerned with product evaluation that maintains periodic inspection of the production of the above labeled items and whose labeling indicates either that the equipment, material or product meets identified standards or has been tested and found suitable for a specified purpose.

2015 International Mechanical Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] LABELED. ~~*Equipment*~~Equipment, materials or products to which have been affixed a label, seal, symbol or other identifying mark of a nationally recognized testing laboratory, ~~inspection~~ approved agency or other organization concerned with product evaluation that maintains periodic inspection of the production of the above-labeled items and whose labeling indicates either that the ~~*equipment*~~equipment, material or product meets identified standards or has been tested and found suitable for a specified purpose.

2015 International Property Maintenance Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] LABELED. Equipment, materials or products to which have been affixed a label, seal, symbol or other identifying mark of a nationally recognized testing laboratory, ~~inspection~~ approved agency or other organization concerned with product evaluation that maintains periodic inspection of the production of the ~~above-*labeled*~~ above-labeled items and whose labeling indicates either that the equipment, material or product meets identified standards or has been tested and found suitable for a specified purpose.

2015 International Swimming Pool and Spa Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] LABELED. Equipment, materials or products to which ~~has~~ have been affixed a ~~*label*~~label, seal, symbol or other identifying mark of a nationally recognized testing laboratory, ~~inspection~~ approved agency or other organization concerned with product evaluation that maintains periodic inspection of the production of the above~~-*labeled*~~-labeled items and whose ~~*labeling*~~ labeling indicates either that the equipment, material or product meets identified standards or has been tested and found suitable for a specified purpose.

Part II

2015 International Energy Conservation Code

Revise as follows:

SECTION C202 DEFINITIONS

LABELED. Equipment, materials or products to which have been affixed a label, seal, symbol or other identifying mark of a nationally recognized testing laboratory, ~~inspection~~ approved agency or other organization concerned with product evaluation that maintains periodic inspection of the production of the above-labeled items and whose labeling indicates either that the equipment, material or product meets identified standards or has been tested and found suitable for a specified purpose.

Part III

2015 International Energy Conservation Code

Revise as follows:

SECTION R202 DEFINITIONS

GENERAL DEFINITIONS

LABELED. Equipment, materials or products to which have been affixed a label, seal, symbol or other identifying mark of a nationally recognized testing laboratory, ~~inspection~~ approved agency or other organization concerned with product evaluation that maintains periodic inspection of the production of the above-labeled items and where labeling indicates either that the equipment, material or product meets identified standards or has been tested and found suitable for a specified purpose.

Part IV

2015 International Residential Code

Revise as follows:

SECTION R202 DEFINITIONS

[RB] LABELED. *Equipment*, materials or products to which have been affixed a*label*, seal, symbol or other identifying *mark* of a nationally recognized testing laboratory, ~~inspection~~ approved agency or other organization concerned with product evaluation that maintains periodic inspection of the production of the above *labeled*items and whose labeling indicates either that the *equipment*, material or product meets identified standards or has been tested and found suitable for a specified purpose.

Reason: The intent is a consistent use of the defined term 'Labeled'. The term is already as proposed in the IBC. All codes that have the definition for 'labeled' also have the define term 'approved'. The BCAC requests that the ICC Code Correlation Committee consider scoping the definition of Labeled in the IECC Commercial and Residential to the Administrative Code Committee.
This proposal is submitted by the ICC Building Code Action Committee (BCAC), the ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC), the ICC Sustainability Energy and High Performance Code Action Committee (SEHPCAC) and the ICC Fire Code Action Committee (FCAC).

BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

The PMGCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes and the code content in terms of scope and application of referenced standards. The PMGCAC has held one open meeting and multiple conference calls which included members of the PMGCAC. Interested parties also participated in all conference calls to discuss and debate the proposed changes.

The SEHPCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance International Codes with regard to sustainability, energy and high performance as it relates to the built environment included, but not limited to, how these criteria relate to the International Green Construction Code (IgCC) and the International Energy Conservation Code (IECC). In 2015, the SEHPCAC has held three two- or three-day open meetings and 25 workgroup calls, which included members of the SEHPCAC as well as any interested parties, to

discuss and debate proposed changes and public comments.

This FCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes as well as the code content in terms of scope and application of referenced standards. Since its inception in July, 2011, the Fire-CAC has held 10 open meetings and numerous Regional Work Group and Task Group meetings and conference calls which included members of the committees as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the FAC website at: http://www.iccsafe.org/cs/CAC/Pages/default.aspx?usertoken={token}&Site=icc

Cost Impact: Will not increase the cost of construction
No cost increase as this is an editorial clarifiction and correlation of definitions within the I-codes.

ADM16-16 : 202-[A] LABELED-KULIK11188

ADM17-16

Part I:
IEBC: 202
Part II:
IRC: AJ201.1

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE IBC-STRUCTURAL CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDERS FOR THESE COMMITTEES.

Proponent : David Bonowitz, representing Existing Buildings Subcommittee, National Counci of Structural Engineers Associations (dbonowitz@att.net)

Part I

2015 International Existing Building Code

Delete without substitution:

SECTION 202 DEFINITIONS

~~**202 LOAD-BEARING ELEMENT.** Any column, girder, beam, joist, truss, rafter, wall, floor or roof sheathing that supports any vertical load in addition to its own weight or any lateral load.~~

Part II

2015 International Residential Code

Revise as follows:

AJ201.1 General. For purposes of this appendix, the terms used are defined as follows.

Delete without substitution:

~~**LOAD-BEARING ELEMENT.**~~
~~Any column, girder, beam, joist, truss, rafter, wall, floor or roof sheathing that supports any vertical load in addition to its own weight, or any lateral load.~~

Reason: This proposal deletes a definition that is incomplete and unnecessary.
First consider how the term is used in the codes, then consider the wording of the definition itself.

The term "load-bearing element" is actually never used in the IEBC. In the IRC, this three-word term is defined and used in only one place in Appendix J, to define Renovation to include "the change, strengthening or addition of load-bearing elements ..."

However, a number of similar terms are used in a few places in the IEBC and throughout the IRC, but none of those cases relies on the definition (which is given only in the IEBC and in IRC Appendix J). These cases include:

- "Load-bearing support": Used in IRC 105.2.2 and IEBC 105.2.2 to describe repairs that do not need permits, as "cutting of any structural beam or load-bearing support." Here the term is self-explanatory, and "structural beam" is redundant.
- "Load-bearing member": Used in the IEBC definition of Technically Infeasible, related to accessibility upgrades, as "existing structural conditions require the removal or alteration of a load-bearing member that is an essential part of the structural frame." Here, the essential nature is given by the balance of the definition, so "load-bearing" adds nothing and is redundant. (Note: ICC should propose revisions to this definition from the ADA, but it is outside the scope of Group B.)
- "Load bearing ___": Throughout Resource A, with no reliance on the structural meaning given in 202.
- "Load-bearing wall": Defined in the IRC (under Walls) as "a wall supporting any vertical load in addition to its own weight." Thus, a wall that carries lateral load IS a "load-bearing element" in the IEBC but is NOT a "load-bearing wall" in the IRC.

Thus, "load-bearing" as actually used in the IEBC is generic and relies on common usage or separate definition, so no definition is needed in Section 202. And in the IRC, the IEBC definition actually creates confusion by overlapping and clashing with a separate IRC term. Since "load-bearing wall" is used much more specifically and frequently throughout the IRC, its definition should remain, and the unnecessary and generic definition from IEBC 202 should be deleted.

Now consider the specific wording of the IEBC definition. Again, the term "load-bearing element" is not used in the IEBC at all, but one might fairly expect the definition to apply where "load-bearing" is used as an adjective for certain structural element types. For example, the following terms are found throughout the IRC, which per R201.3, relies on the IBC and IEBC for definitions of undefined terms:

- "Load-bearing values": Used in IRC Chapter 4 for soil properties.
- "Load-bearing studs": Used in R505.1.2, R603.1.2, R804.1.2, etc.
- "Load-bearing cold-formed steel framing members": Used in R603.2.1 and elsewhere, sometimes to mean wall studs, and sometimes to mean floor framing. As wall studs, these should be subject to the IRC definition of "load-bearing wall," but the definition is not clear.
- "Load-bearing units": Used in IEBC A106 and IRC R606.2 to describe certain concrete masonry units, defined by reference to ASTM standards, with no reliance on the definition in 202.
- "Load-bearing frames": Used in R606.12.2.2.1.
- "Load-bearing piers": Used in AE601, AE602, etc.

Note that the IEBC definition does not menation soil, studs, framing, frames, or piers. Certainly one would expect the definition to apply, but by attempting to be complete, with its long list of structural member types, the definition ends up excluding (confusingly) other terms actually used in the code. And whether or not one would want the IEBC definition -- which considers both gravity and lateral loads -- to apply, confusion remains because the IRC almost routinely uses "load-bearing" to mean "carrying gravity loads other than self-weight."

Thus, the existing definition of Load-Bearing Element adds no value to the IEBC and introduces only confusion to the IRC.

Cost Impact: Will not increase the cost of construction
This is an editorial change, therefore there will be not change to construction requirements.

ADM17-16 : 202-LOAD-BEARING ELEMENT-BONOWITZ13603

ADM18-16

IZC: 202

Proponent : Edward Kulik, representing Building Code Action Committee (bcac@iccsafe.org)

2015 International Zoning Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] LOT. A ~~single~~ portion or parcel of land considered as a unit.

Reason: The intent is a consistent use of the defined term 'Lot'. The term is already as proposed in the IBC, IRC and IFC.
This proposal is submitted by the ICC Building Code Action Committee (BCAC). BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

Cost Impact: Will not increase the cost of construction
No cost increase as this is an editorial correlation of definitions within the I-codes.

ADM18-16 : 202-[A] LOT-KULIK11190

ADM19-16

Part I:
ISPSC: 202
Part II:
IRC: R202

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Edward Kulik, representing Building Code Action Committee (BCAC@iccsafe.org); Janine Snyder, ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC@iccsafe.org)

Part I

2015 International Swimming Pool and Spa Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] OWNER. Any person, agent, operator, entity, firm or corporation having ~~a~~ any legal or equitable interest in the property; or recorded in the official records of the state, county or municipality as holding an interest or title to the property; or otherwise having possession or control of the property, including the guardian of the estate of any such person, and the executor or administrator of the estate of such person if ordered to take possession of real property by a court.

Part II

2015 International Residential Code

Revise as follows:

SECTION R202 DEFINITIONS

[RB] OWNER. Any person, agent, operator, entity, firm or corporation having ~~a~~ any legal or equitable interest in the property; or recorded in the official records of the state, county or municipality as holding an interest or title to the property; or otherwise having possession or control of the property, including the guardian of the estate of any such person, and the executor or administrator of the estate of such person if ordered to take possession of real property by a court.

Reason: The intent is a consistent use of the defined term 'Owner'. The term is existing as proposed in the IBC, IFC and IPMC.
This proposal is submitted by the ICC Building Code Action Committee (BCAC) and the ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC).

BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

PMGCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes and the code content in terms of scope and application of referenced standards. The PMGCAC has held one open meeting and multiple conference calls which included members of the PMGCAC. Interested parties also participated in all conference calls to discuss and debate the proposed changes.

Cost Impact: Will not increase the cost of construction
No cost increase as this is an editorial correlation of definitions between I-codes.

ADM19-16 : R202-[RB] OWNER-KULIK11192

ADM20-16

IZC: 202

Proponent : Edward Kulik, representing Building Code Action Committee (bcac@iccsafe.org)

2015 International Zoning Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] PERSON. ~~A natural person~~
An individual, heirs, executors, administrators or assigns, and includes a firm, partnership or corporation, its or their successors or assigns, or the agent of any of the aforesaid.

Reason: The intent is a consistent use of the defined term 'Person'. The term is exisiting as proposed in the IBC, IRC and IFC.
This proposal is submitted by the ICC Building Code Action Committee (BCAC). BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

Cost Impact: Will not increase the cost of construction
No cost increase as this is an editorial correlation of definitions between I-codes.

ADM20-16 : 202-[A] PERSON-KULIK11193

ADM21-16

IPMC: 202; IZC: 202

Proponent : Edward Kulik, representing Building Code Action Committee (bcac@iccsafe.org)

2015 International Property Maintenance Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] PUBLIC WAY. Any street, ~~alley~~ *alley* or ~~similar~~ other parcel of land ~~essentially unobstructed from the ground~~ open to the ~~sky~~ outside air leading to a street, ~~which is~~ that has been deeded, dedicated or otherwise permanently appropriated to the public for public use and which has a clear width and height of not less than 10 feet (3048 mm).

2015 International Zoning Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] PUBLIC WAY. Any street, *alley*or ~~similar~~ other parcel of land ~~essentially unobstructed from the ground~~ open to the ~~sky~~ outside air leading to a street, ~~which is~~ that has been deeded, dedicated or otherwise permanently appropriated to the public for public use and which has a clear width and height of not less than 10 feet (3048 mm).

Reason: The intent is a consistent use of the defined term 'Public Way'. The term as proposed is as existing in the IBC, IRC and IFC.
This proposal is submitted by the ICC Building Code Action Committee (BCAC). BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

Cost Impact: Will not increase the cost of construction
No cost increase as this is an editorial correlation of definitions between I-codes.

ADM21-16 : 202-[A] PUBLIC WAY-KULIK11194

ADM22-16

Part I:
IBC: 202; IFC: 202; IFGC: 202; IMC: 202; IPC: 202; IPSDC: 202; IZC: 202
Part II:
IECC-CE: C202
Part III:
IRC: R202

THIS IS A 3 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Jeffrey Shapiro, representing Self (jeff.shapiro@intlcodeconsultants.com)

Part I

2015 International Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REGISTERED DESIGN PROFESSIONAL. An individual who is registered or licensed to practice their respective design profession, as defined and limited by the statutory requirements of the professional registration laws of the state or ~~*jurisdiction*~~ jurisdiction in which the project is to be constructed.

2015 International Fire Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REGISTERED DESIGN PROFESSIONAL. An ~~architect or engineer,~~ individual who is registered or licensed to practice ~~professional architecture or engineering~~ their respective design profession, as defined and limited by the statutory requirements of the professional registration laws of the state or jurisdiction in which the project is to be constructed.

2015 International Fuel Gas Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REGISTERED DESIGN PROFESSIONAL. An individual who is registered or licensed to practice their respective design profession, as defined and limited by the statutory requirements of the professional registration laws of the state or jurisdiction in which the project is to be constructed.

2015 International Mechanical Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REGISTERED DESIGN PROFESSIONAL. An individual who is registered or licensed to practice their respective design profession, as defined and limited by the statutory requirements of the professional registration laws of the state or jurisdiction in which the project is to be constructed.

2015 International Plumbing Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REGISTERED DESIGN PROFESSIONAL. An individual who is registered or licensed to practice ~~professional architecture or engineering~~ their respective design profession, as defined and limited by the statutory requirements of the professional registration laws of the state or jurisdiction in which the project is to be constructed.

2015 International Private Sewage Disposal Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REGISTERED DESIGN PROFESSIONAL. An individual who is registered or licensed to practice their respective design profession, as defined and limited by the statutory requirements of the professional registration laws of the state or jurisdiction in which the project is to be constructed.

2015 International Zoning Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REGISTERED DESIGN PROFESSIONAL. An ~~architect or engineer~~ individual who is registered or licensed to practice ~~professional architecture or engineering~~ their respective design profession, as defined and limited by the statutory requirements of the professional registration laws of the state or jurisdiction in which the project is to be constructed.

Part II

2015 International Energy Conservation Code

Revise as follows:

SECTION 202 DEFINITIONS

REGISTERED DESIGN PROFESSIONAL. An individual who is registered or licensed to practice their respective design profession, as defined and limited by the statutory requirements of the professional registration laws of the state or jurisdiction in which the project is to be constructed.

Part III

2015 International Residential Code

Revise as follows:

SECTION 202 DEFINITIONS

[RB] REGISTERED DESIGN PROFESSIONAL. An individual who is registered or licensed to practice their respective design profession, as defined and limited by the statutory requirements of the professional registration laws of the state or ~~*jurisdiction*~~jurisdiction in which the project is to be constructed.

Reason: The proposed revision is intended to supplement a separate global change being proposed this cycle to correlate the definition of "Registered Design Professional" among all of the I-codes. The added text is intended to make it clear that, when the code requires work by a registered design professional, the individual performing such work must be acting within the limits of practice established by their licensing laws.

Cost Impact: Will not increase the cost of construction
The change is regarded as clarifying existing requirements and is not expected to have an impact on the cost of construction.

ADM22-16 : 202-[A] REGISTERED DESIGN PROFESSIONAL-SHAPIRO12626

ADM23-16

IPC: 202; IZC: 202

Proponent : Edward Kulik, representing Building Code Action Committee (BCAC@iccsafe.org); Janine Snyder, ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC@iccsafe.org)

2015 International Plumbing Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REGISTERED DESIGN PROFESSIONAL. An individual who is _registered or licensed to practice ~~professional architecture or engineering~~ their respective design profession, as defined by the statutory requirements of the professional registration laws of the state or jurisdiction in which the project is to be constructed.

2015 International Zoning Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REGISTERED DESIGN PROFESSIONAL. An ~~architect or engineer~~ individual who is registered or licensed to practice ~~professional architecture or engineering~~ their respective design profession, as defined by the statutory requirements of the professional registration laws of the state or jurisdiction in which the project is to be constructed.

Reason: The intent is a consistent use of the defined term 'Registered Design Professional'. The term is existing as proposed in the IBC, IRC, IMC, IPSDC, IFGC and Energy-Commercial.
This proposal does not include modifications to the IFC for the defintion of 'Registered Design Professional' since that code is outside the scope of the BCAC and PMGCAC committees.

This proposal is submitted by the ICC Building Code Action Committee (BCAC) and the ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC).

BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

The PMGCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes and the code content in terms of scope and application of referenced standards. The PMGCAC has held one open meeting and multiple conference calls which included members of the PMGCAC. Interested parties also participated in all conference calls to discuss and debate the proposed changes.

Cost Impact: Will not increase the cost of construction
No cost increase as this is an editorial correlation of definitions between I-codes.

ADM23-16 : 202-[A] REGISTERED DESIGN PROFESSIONAL-KULIK11217

ADM24-16

IEBC: 202

Proponent : Edward Kulik, representing Building Code Action Committee (bcac@iccsafe.org)

2015 International Existing Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. A registered design professional engaged by the owner or the owner's authorized agent to review and coordinate certain aspects of the project, as determined by the *code official*, for compatibility with the design of the building or structure, including submittal documents prepared by others, deferred submittal documents and phased submittal documents.

Reason: The intent is a consistent use of the defined term 'Registered Design Professional in Responsible Charge'. The term is existing as proposed in the IBC.
This proposal is submitted by the ICC Building Code Action Committee (BCAC). BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

Cost Impact: Will not increase the cost of construction
No cost increase as this is an editorial correlation of definitions between I-codes.

ADM24-16 : 202-[A] REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE-KULIK11218

ADM25-16

ISPSC: 202

Proponent : Janine Snyder, representing Plumbing Mechanical and Fuel Gas Code Action Committee (PMGCAC@iccsafe.org)

2015 International Swimming Pool and Spa Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REPAIR. The ~~restoration to good~~ reconstruction or ~~sound condition~~ renewal of any part of a pool or spa for the purpose of its maintenance or to correct damage.

Reason: The intent is a consistent use of the defined term 'Repair'. The term is existing as proposed in the IBC, IRC, IEBC, ISPSC, IECC – Commercial and Residential.
This proposal is submitted by the ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC). The PMGCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes and the code content in terms of scope and application of referenced standards. The PMGCAC has held one open meeting and multiple conference calls which included members of the PMGCAC. Interested parties also participated in all conference calls to discuss and debate the proposed changes..

Cost Impact: Will not increase the cost of construction
No cost increase as this is an editorial correlation of definitions between I-codes.

ADM25-16 : 202-[A] REPAIR-SNYDER11221

ADM26-16

Part I:
IBC: 202; IEBC: 202; ISPSC: 202
Part II:
IECC-CE: C202
Part III:
IECC-RE: R202
Part IV:
IRC: R202

THIS IS A 4 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. PART IV WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Gwenyth Searer, Wiss, Janney, Elstner Associates, Inc.

Part I

2015 International Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REPAIR. The reconstruction, replacement or renewal of any part of an existing building ~~for the purpose of its maintenance or~~ to correct damage.

2015 International Existing Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REPAIR The reconstruction, replacement or renewal of any part of an ~~*existing building* for the purpose of its maintenance or~~ existing building to correct damage.

2015 International Swimming Pool and Spa Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REPAIR. The ~~restoration to good~~ reconstruction, replacement or ~~sound condition~~ renewal of any part of ~~a~~ an existing pool or spa ~~for the purpose of its maintenance or~~ to correct damage.

Part II

2015 International Energy Conservation Code

Revise as follows:

SECTION C202 DEFINITIONS

REPAIR. The reconstruction, replacement or renewal of any part of an existing building ~~for the purpose of its maintenance or~~ to correct damage.

Part III

2015 International Energy Conservation Code

Revise as follows:

SECTION 202 (N1101.6) DEFINITIONS

REPAIR. The reconstruction, replacement or renewal of any part of an existing building ~~for the purpose of its maintenance or~~ to correct damage.

Part IV

2015 International Residential Code

Revise as follows:

SECTION 202 DEFINITIONS

[RB] REPAIR. The reconstruction, replacement or renewal of any part of an existing building ~~for the purpose of its maintenance or~~ to correct damage.

For definition applicable in Chapter 11, see Section N1101.6.

Reason: Whether the definition of "repair" includes replacement of damaged members has been reported as being unclear. Some have argued that replacement of a damaged member as part of a repair must be treated as an alteration. They cite the fact that the word "replacement" is not included in the definition of "repair".

Others argue (correctly) that if a member is being replaced as part of a repair, the replacement member is clearly governed by the repair procedures in the IEBC, including the substantial structural damage provisions and the less-than-substantial damage provisions. This interpretation matches the wording of provisions in Sections 401.2.2, 404.4, 502.1, and 602.2 -- all of which specifically mention replacement of damaged elements as being part of "repair".

If the former interpretation were true, there would be no realistic way to ever trigger the substantial structural damage triggers, because that significant level of damage would almost certainly involve replacement of some parts of the building, which -- according to the theory that replacement of members is an alteration -- would push the repair into the alteration sections, and which would substantially muddle the trigger requirements for the repair. If the proposed text addition is accepted, it will be clear that replacement of building elements, components, and members to correct damage is considered part of "repair".

The proposal also removes the reference to maintenance from the definition of "repair". This change is required to coordinate with proposal EB 26-15, which separated the concept of "maintenance" from the concept of "repairs". EB-26 was approved during the Part A code change process.

For similar reasons (i.e., damage is corrected by reconstruction, replacement, or renewal of the damaged elements), and to coordinate the various codes in which the term "repair" is used, the definition of repair is proposed to be modified in the International Building Code (IBC), the International Swimming Pool and Spa Code (ISPSC), the International Energy Conservation Code (IECC), and the International Residential Code (IRC). Note that the current ISPSC definition of "repair" uses older language that was consistent with the 2012 code versions, so this proposal also brings the definition of repair in the ISPSC into alignment with the changes in the other 2015 codes.

Cost Impact: Will not increase the cost of construction
This is an editorial and coordinating code change. It will not increase the cost of construction.

ADM26-16 : 202-[A] REPAIR-SEARER12080

ADM27-16

Part I:
IBC: 202; IEBC: 202-[A]Repair
Part II:
IBC: 202; IEBC: 202-[BS]Roof repair

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IBC-STRUCTURAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : David Bonowitz, representing National Council of Structural Engineers Associations (dbonowitz@att.net)

Part I

2015 International Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REPAIR. The reconstruction or renewal of any part of an existing building for the purpose of ~~its maintenance~~ correcting damage or ~~to correct damage~~ restoring the predamage condition.

2015 International Existing Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] REPAIR The reconstruction or renewal of any part of an *existing building*for the purpose of ~~its maintenance~~ correcting damage or ~~to correct damage~~ restoring the predamage condition.

Part II

2015 International Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[BS] ROOF REPAIR. Reconstruction or renewal of any part of an existing roof for the ~~purposes~~ purpose of ~~its maintenance~~ correcting damage or restoring the predamage condition.

2015 International Existing Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[BS] ROOF REPAIR. Reconstruction or renewal of any part of an existing roof for the ~~purposes~~ purpose of ~~its maintenance~~ correcting damage or restoring the predamage condition.

Reason: This proposal coordinates with EB 26, which was approved as submitted in Group A. EB 26 clarified the distinction between maintenance, which preserves an acceptable condition, and repair, which corrects an unacceptable one. To complete this clarification, the word "maintenance" should be removed from definitions of repairs.
This proposal revises the definition of Repair from the IBC and the IEBC.

The same concept -- coordination with EB 26 -- justifies the revision to the definition of Roof Repair. Frankly, the entire definition of Roof Repair could be omitted from the IEBC with no loss of substance because it relies entirely on the definition of Repair, and we are open to that option.

Finally, as staff notes, these defined terms appear in three other I-codes. This proposal focuses on the terms in the IEBC, whose Repair provisions are of course most comprehensive, and in the IEBC because the Structural Committee can handle both codes. It is allowed, and not unusual, for different I-codes to define the same terms differently to suit their own purposes. Nevertheless, if this proposal is approved, we will work with ICC staff to prepare coordinated changes to the other codes through the public comment.

Bibliography: Proposal EB 26-15, approved as submitted by the IEBC committee in Group A of the current cycle, 2015.
http://www.iccsafe.org/codes-tech-support/codes/code-development/20152017-code-development-group-a/

Cost Impact: Will not increase the cost of construction
The change is editorial, for coordination with EB 26.

ADM27-16 : 202-[A] REPAIR-BONOWITZ12093

ADM28-16

IPC: 202; IPMC: 202; IWUIC: 202; IZC: 202

Proponent : Edward Kulik, representing Building Code Action Committee (BCAC@iccsafe.org); Janine Snyder, ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC@iccsafe.org); Adolf Zubia, representing Fire Code Action Committee (fcac@iccsafe.org)

2015 International Plumbing Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] STRUCTURE. That which is built or constructed~~ or a portion thereof~~.

2015 International Property Maintenance Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] STRUCTURE. That which is built or constructed~~ or a portion thereof~~.

2015 International Wildland-Urban Interface Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] STRUCTURE. That which is built or constructed~~, an edifice or building of any kind, or any piece of work artificially built up or composed of parts joined together in some manner~~.

2015 International Zoning Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] STRUCTURE. That which is built or constructed~~, an edifice or building of any kind, or any piece of work artificially built up or composed of parts joined together in some definite manner~~.

Reason: The intent is a consistent use of the defined term 'Structure' as applicable to the code. The term as proposed for the IPC, IPMC, IWUIC and IZC exists in the IBC and IRC.
This proposal is submitted by the ICC Building Code Action Committee (BCAC), the ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC) andthe ICC Fire Code Action Committee (FCAC) .

BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

The PMGCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes and the code content in terms of scope and application of referenced standards. The PMGCAC has held one open meeting and multiple conference calls which included members of the PMGCAC. Interested parties also participated in all conference calls to discuss and debate the proposed changes.

FCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes as well as the code content in terms of scope and application of referenced standards. Since its inception in July, 2011, the Fire-CAC has held 10 open meetings and numerous Regional Work Group and Task Group meetings and conference calls which included members of the committees as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the FAC website at:

http://www.iccsafe.org/cs/CAC/Pages/default.aspx?usertoken={token}&Site=icc

Cost Impact: Will not increase the cost of construction
No cost increase as this is an editorial correlation of definitions between I-codes.

ADM28-16 : 202-[A] STRUCTURE-KULIK11222

ADM29-16

Part I:
IBC: 202; IFC: 202
Part II:
IRC: R202

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Michael Gieszler, representing Oregon Building Officials Association (mike.gieszler@hillsboro-oregon.gov)

Part I

2015 International Building Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] TOWNHOUSE. A single-family *dwelling unit*constructed in a group of three or more attached units or two or more units when separated by real property lines, in which each unit extends from ~~the~~ foundation to roof and with ~~open space~~ a *yard* or public way on ~~at least~~ not less than two sides.

2015 International Fire Code

Revise as follows:

SECTION 202 DEFINITIONS

[A] TOWNHOUSE. A single-family *dwelling unit* constructed in a group of three or more attached units or two or more units when separated by real property lines, in which each unit extends from ~~the~~ foundation to roof and with ~~open space~~ a *yard* or public way on not less than two sides.

Part II

2015 International Residential Code

SECTION 202 DEFINITIONS

[RB] TOWNHOUSE. A single-family *dwelling unit* constructed in a group of three or more attached units or two or more units when separated by real property lines, in which each unit extends from foundation to roof and with a *yard* or public way on not less than two sides.

Reason: The code is not specific on how to address two zero lot line single-family dwellings. While Table R301.2 is relevant, the elements of zero lot line homes captured within the townhouse provisions are also relevant in how to construct two attached single family homes.
In an effort to establish consistency among the IRC, IFC and IBC this code change proposal is to change from using "Open Spaces" which is a component of the defined term 'Yard".

Cost Impact: Will not increase the cost of construction
Clarifies the intent of the code and codifies how jurisdictions are already addressing two single family dwelling units that share a real property line between them.

ADM29-16 : 202-TOWNHOUSE-GIESZLER10926

ADM30-16

ICCPC: [A] 103, [A] 104.2, [A] 104.3, 202, [F] 1701.3.15.3.4, [F] 2201.3.19.7, [A] C101.2, [A] D101.2, [A] D101.3, [A] D101.5, [A] E102.1, [A] E103.1

Proponent : Edward Kulik, representing Building Code Action Committee (bcac@iccsafe.org)

2015 ICC Performance Code for Buildings and Facilities

Add new definition as follows:

SECTION 202 DEFINITIONS

~~202~~ [A] ~~DESIGN~~ CONSTRUCTION DOCUMENTS. ~~Design drawings~~
Written, ~~computations, geotechnical~~ graphic and ~~other reports~~ pictorial documents prepared or assembled for describing the design, ~~specifications~~ location and ~~related documentation that are submitted to governmental agencies~~ physical characteristics of the elements of a project necessary for ~~approval and for the purpose of constructing buildings and structures~~ obtaining a permit.

~~202~~ [A] REGISTERED DESIGN PROFESSIONAL~~.~~ An individual who is registered or licensed to practice ~~his or her~~ their respective design profession as defined by the statutory requirements of the professional registration laws of the state or jurisdiction in which the project is to be constructed.

~~202~~ [A] ~~PRINCIPAL~~ REGISTERED DESIGN PROFESSIONAL~~.~~ IN RESPONSIBLE CHARGE ~~An architect or engineer who is responsible to~~
A registered design professional engaged by the owner ~~and has contractual responsibility and authority over all design professional disciplines~~ or the owner's authorized agent to ~~prepare~~ review and coordinate ~~a complete~~ certain aspects of the project, as determined by the code official, for compatibility with the design of the building or structure, including submittal documents prepared by others, deferred submittal documents and ~~comprehensive set of design~~ phased submittal documents ~~for a project~~.

Revise as follows:

SECTION 103 ADMINISTRATIVE PROVISIONS

[A] 103.2 Functional statements.

[A] 103.2.1 Qualifications. ~~Design~~
Registered design professionals shall possess the knowledge, skills and abilities necessary to demonstrate compliance with this code.

[A] 103.2.2 ~~Design~~ Construction document preparation. ~~Design~~
Construction documents required by this code shall be prepared in adequate detail and submitted for review and approval.

[A] 103.2.3 Review. ~~Design~~
Construction documents submitted in accordance with this code shall be reviewed for code compliance with the appropriate code provisions.

[A] 103.2.4 Construction. Construction shall comply with approved ~~design~~ construction documents submitted in accordance with this code, and shall be verified and approved to demonstrate compliance with this code.

[A] 103.2.5 Facilities and premises. Facilities and premises shall comply with approved ~~design~~ construction documents submitted in accordance with this code, and shall be verified and approved to demonstrate compliance with this code.

[A] 103.2.6 Equipment and processes. Equipment and processes and their installation and operation shall comply with approved ~~design~~ construction documents submitted in accordance with this code, and shall be verified and approved to demonstrate compliance with this code.

[A] 103.2.7 Materials and contents. Materials and contents shall comply with approved ~~design~~ construction documents submitted in accordance with this code, and shall be verified and approved to demonstrate compliance with this code.

[A] 103.2.11 Management of change. Written procedures managing change to original ~~design~~ construction documents, system processes, technology, equipment and facilities shall be established and implemented.

[A] 103.2.12 Expected emergency response. ~~Design~~
Construction documents shall clearly describe the level of response expected by emergency responders.

[A] 103.3 Performance requirements.

[A] 103.3.1 Building owner's, or the owner's authorized agent's, responsibility.

[A] 103.3.1.1 ~~Design~~ Registered design professional. The owner or the owner's authorized agent shall have the responsibility of retaining and furnishing the services of a registered design professional, who shall be in responsible charge of preparing and coordinating a complete and comprehensive set of ~~design~~ construction documents and other services required to prepare reports and other documents in accordance with this code. If the services required by this section are not provided, the use of this code is prohibited.

[A] 103.3.1.2 ~~Principal~~ Registered design professional in responsible charge. Where the project requires the services of multiple registered design professionals, a ~~principal~~ registered design professional in responsible charge shall be retained and furnished who shall have the contractual responsibility and authority over all required registered design professional disciplines to prepare and coordinate a complete and comprehensive set of ~~design~~ construction documents for the project.

[A] 103.3.1.3 Peer review. The owner or the owner's authorized agent shall be responsible for retaining and furnishing the services of a registered design professional or recognized expert, who will perform as a peer reviewer, where required and approved by the code official. See Section 103.3.6.3 of this code.

[A] 103.3.1.8 Special expert. Where the scope of work is limited or focused in an area that does not require the services of a registered design professional or the special knowledge and skills associated with the practice of architecture or engineering, a special expert may be employed by the owner or the owner's authorized agent as the person in responsible charge of the limited or focused activity. It is the intent of this code that the individual shall possess the qualification characteristics required in Appendix D.

[A] 103.3.2 ~~Design~~ Registered design professional qualifications. The ~~principal~~ registered design professional in responsible charge, architects, engineers and other registered design professionals in responsible charge of their discipline as a member of a design team shall be responsible and accountable to possess the required knowledge and skills to perform design, analysis and verification in accordance with the provisions of this code and applicable professional standards of practice. It is the intent of this code that these individuals possess the qualification characteristics as stated in Appendix D. Qualification statements shall be submitted to the code official for the ~~principal~~ registered design professional in responsible charge, registered design professionals and special experts to demonstrate compliance with Appendix D.

[A] 103.3.3 ~~Design~~ Registered design professionals' and special experts' responsibilities.

[A] 103.3.3.1 ~~Principal~~ Registered design professional in responsible charge. Where multiple design disciplines are involved, the ~~principal~~ registered design professional in responsible charge is responsible to ensure that design elements are comprehensive and complete before submittals are made to the code official. During the code review process all designated reports, drawings and ~~design~~ construction documents necessary to demonstrate compliance with the code shall be submitted by the ~~principal~~ registered design professional in responsible charge. The ~~principal~~ registered design ~~professional's~~ professional in responsible charge's responsibilities include those of a registered design professional.

[A] 103.3.3.2 Responsibilities. ~~Design~~
Registered design professionals are responsible to apply the performance requirements and acceptable methods approach in Section 104.3 for performance-based designs where using this code. This code requires design analysis and support documentation to demonstrate the design approach and to verify design objectives and compliance with this code.

[A] 103.3.3.3 Supporting documentation. ~~Design~~
Registered design professionals have the responsibility to provide the appropriate design analysis, research, computations and documentation to demonstrate compliance with applicable performance requirements of this code and applicable prescriptive code provisions.

[A] 103.3.3.4 Acceptable methods. ~~Design~~
Registered design professionals shall use authoritative documents or design guides to determine testing and verification methods for selecting building materials that are compatible with the building systems approach selected.

[A] 103.3.3.5 References. ~~Design~~
Registered design professionals are responsible to document applicable design guides or authoritative documents for a performance-based design and demonstrate how these documents are utilized to substantiate design solutions to show compliance with the provisions of this code. The use of documents that are not accepted as authoritative documents or design guides requires substantiation with the code official to obtain acceptance.

[A] 103.3.3.6 Documentation of bounding conditions. The registered design professional shall document all bounding conditions and establish thresholds that determine when changes must be approved by the code official.

[A] 103.3.3.7 Compliance with bounding conditions. The registered design ~~professional(s)~~ professional shall review the completed construction elements, equipment, furnishings, processes, and contents to verify compliance with the bounding conditions and the critical design features identified in the approved ~~design~~ construction documents. The code official may require that the ~~principal~~ registered design professional in responsible charge file a report to verify compliance with the bounding conditions and the critical design features at the completion of the project as a condition of obtaining required certificates.

[A] 103.3.4 ~~Design~~ Construction documentation.

[A] 103.3.4.1 General. The registered design professional shall prepare appropriate documentation for the project that clearly provides the design approach and rationale for design submittal, construction and future use of the building, facility or process.

[A] 103.3.4.1.1 Required documentation. The documentation for the project shall identify the goals and objectives; the steps undertaken in the analytical analysis; the facility maintenance and testing requirements; and limitations and restrictions on the use of the facility in order to stay within bounding conditions. Where requirements for documentation are specified in applicable engineering or design guides, documentation shall be included in the ~~design~~ construction documents. Computer modeling documentation shall comply with Appendix E.

[A] 103.3.4.1.5 Phased and partial occupancy. The ~~design~~ construction documents shall include an evaluation of hazards and proposed resolution of associated risks during construction in advance of a request for phased or partial occupancy.

[A] 103.3.4.2.1 Concept report. The concept report shall document the preliminary details of the project, identify the parties involved in the project, and define the goals and objectives to be utilized in the performance-based design analysis. The concept report shall be submitted to the code official as a means of communicating the programming and early schematic phase of a proposed project and to obtain concurrence between the code official and the project design team on the goals and objectives to be utilized in the analysis. The concept report shall address but not be limited to the following:

1. General project information, including schematic layout and site plan.
2. Definition of project scope.
3. Description of building and occupant characteristics.
4. Project goals and objectives.
5. Selected event scenarios.
6. Methods of evaluation.
7. Qualification statements for ~~principal~~ registered design professional in responsible charge, registered design professionals and special experts.
8. Proposed performance and prescriptive code usage.
9. Conceptual site and building plan.

[A] 103.3.4.2.2 Design report. The design report shall document the steps taken in the design analysis, clearly identifying the criteria, parameters, inputs, assumptions, sensitivities and limitations involved in the analysis. The design report shall clearly identify bounding conditions, assumptions and sensitivities that clarify the expected uses and limitations of the performance analysis. This report shall verify that the design approach is in compliance with the applicable codes and acceptable methods and shall be submitted for concurrence by the code official prior to the ~~design~~ construction documents being completed. The report shall document the design features to be incorporated based upon the analysis. The design report shall address but not be limited to the following:

1. Project scope.
2. Goals and objectives.
3. Performance criteria.
4. Hazard scenarios.
5. Design fire loads and hazards.
6. Final design.
7. Evaluation.
8. Bounding conditions and critical design assumptions.
9. Critical design features.
10. System design and operational requirements.
11. Operational and maintenance requirements.
12. Commissioning testing requirements and acceptance criteria.
13. Frequency of certificate renewal.
14. Supporting documents and references.
15. Preliminary site and floor plans.

[A] 103.3.4.2.3 Operations and maintenance manual. The operations and maintenance manual shall identify system and component commissioning requirements and the required interactions between these systems. The manual shall identify for the facility owner or the owner's authorized agent and the facility operator those actions that need to be performed on a regular basis to ensure that the components of the performance-based design are in place and operating properly. Furthermore, the operations and maintenance manual shall identify the restrictions or limitations placed upon the use and operation of the facility in order to stay within the bounding conditions of the performance-based design. The operations and maintenance manual shall be submitted at the time of the ~~design~~ construction documents submittal, unless the code official approves another time based upon the type of project and data needed for a composite review. The operations and maintenance manual shall address but not be limited to the following:

1. Description of critical systems.

2. Description of required system interactions.
3. Occupant responsibilities.
4. Occupant and staff training requirements.
5. Periodic operational requirements.
6. Periodic maintenance requirements.
7. Periodic testing requirements.
8. Limitations on facility operations (due to bounding conditions).
9. Report format for recording maintenance and operation data.
10. System and component commissioning requirements.

[A] 103.3.5 Design submittal.

[A] 103.3.5.1 General. Applicable ~~design~~ construction documents required in Sections 103.3.2, 103.3.3 and 103.3.4 for submittal in this code and other applicable codes under the jurisdiction of the code official shall be submitted to the code official for review. The documents shall be submitted in accordance with the jurisdiction's procedures and in sufficient detail to obtain appropriate permits.

[A] 103.3.5.2 Coordination of ~~design~~ construction documents. ~~Design~~ Construction documents shall be coordinated by the ~~principal~~ registered design professional in responsible charge for consistency, compatibility and completeness prior to submittal. Documentation shall be provided to the code official to demonstrate compliance with the performance provisions, including acceptable methods.

[A] 103.3.5.3 Performance-based design features. The ~~design~~ constuction documents shall clearly indicate those areas of the design that are performance-based and shall be provided to the code official.

[A] 103.3.5.5 Inspections, testing, operation and maintenance. The ~~design~~ construction documents shall specify when and where special inspection and testing are required, the standards of acceptance for demonstrating compliance with the ~~design~~ construction documents, and operations and maintenance requirements for future use of the building.

[A] 103.3.5.6 Management of change. The submittal shall include appropriate management of change protocol to address how changes in the ~~design~~ construction documents will be managed for construction, operation and maintenance activities.

[A] 103.3.6 Review and approval.

[A] 103.3.6.3 Contract and peer review. Review may be accomplished by a contract reviewer where the reviewer is assigned by the code official. In addition, the code official may require a peer review process to review design criteria and supporting documents and ~~design~~ consturction documents.

[A] 103.3.7 Permits and inspections.

[A] 103.3.7.2 Inspection. Approved inspections shall be obtained in accordance with the ~~design~~ construction documents, jurisdiction's procedures and applicable codes.

[A] 103.3.7.3 Verification reports. Inspection, testing and related verification reports shall be filed with the code official to verify compliance with approved ~~design~~ construction documents and applicable prescriptive code provisions.

[A] 103.3.7.5 Compliance verification. At the completion of construction, the code official shall verify that inspection and testing reports demonstrate compliance with the applicable codes and approved ~~design~~ construction documents.

[A] 103.3.8 Project documentation.

[A] 103.3.8.1 Verification of compliance. Upon completion of the project, documentation shall be prepared that verifies performance and prescriptive code provisions have been met. Where required by the code official in accordance with Section 103.3.3.6, the ~~principal~~ registered design professional in responsible charge shall file a report that verifies bounding conditions are met.

[A] 103.3.8.2 Extent of documentation. Approved ~~design~~ construction documents, the operations and maintenance manual, inspection and testing records, and certificates of occupancy with conditions shall be included in the project documentation of the code official's records.

[A] 103.3.8.3 Deed restrictions. Design features with bounding conditions determined by the registered design professional to require continued operation and maintenance by the owner or the owner's authorized agent throughout the life of the building as conditions of compliance with the objectives of this code shall be recorded as a deed restriction as required by the code official until released by the code official.

[A] 103.3.10 Maintenance.

[A] 103.3.10.3 Compliance verification. Documents verifying that the building, facilities, premises, processes and contents are in compliance with the approved ~~design~~ construction documents and are maintained in a safe manner shall be filed with the code official at a frequency approved by the code official.

[A] 103.3.11 Remodeling, addition or change/approval of use.

[A] 103.3.11.1 Analysis of change. The registered design professional shall evaluate the existing building, facilities, premises, processes, contents and the applicable documentation of the proposed change as it affects portions of the building, facility, premises, processes and contents that were previously designed for compliance under a performance-based code. Prior to any change that was not documented in a previously approved design, the ~~principal~~ registered design professional in responsible charge shall examine the applicable ~~design~~ construction documents, bounding conditions, operation and maintenance manuals, and deed restrictions.

[A] 103.3.11.2 Coordination of design. Where multiple design disciplines are involved, one registered design professional shall be responsible to ensure that design elements are comprehensive and complete before submittals are made to the code official. During the code review process, designated reports, drawings and ~~design~~ construction documents necessary to demonstrate compliance with the code shall be submitted by the registered design professional.

[A] 103.3.11.4 Additions, renovations and related construction changes. Construction activities in existing buildings, facilities, premises or processes shall be evaluated by a registered design professional and documented in a written report, which shall be submitted for review and approval in conjunction with the permit request. The report shall identify whether or not the proposed construction exceeds the bounding conditions, which will result in an increase in hazard or risk beyond that expected in the approved original ~~design~~ construction documents. Where bounding conditions are not exceeded, the original ~~design~~ construction documents need not be revised. Where bounding conditions are exceeded, the original ~~design~~ construction documents shall be revised so that compliance with this code is perpetuated.

[A] 103.3.11.5 Designs exceeding bounding conditions. Where a proposed change exceeds the bounding conditions and does not result in an increase to hazard or risk, as approved by the code official, any person authorized by the laws of the jurisdiction is allowed to prepare ~~design~~ construction documents and reports for submittal.

[A] 103.3.11.6 Change in design objectives and bounding conditions. Where changes are proposed to the design objectives and bounding conditions of an existing building, facility, process or contents, a written report by the registered design professional shall be prepared to specify the new design objectives and demonstrate compliance with the current code.

[A] 103.3.13.4 Penalties. Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, constructs, alters or repairs a building, structure or facility in violation of the approved ~~design~~ construction documents or directive of the code official or of a permit or certificate issued under the provisions of this code shall be subject to penalties as prescribed by law.

[A] 104.2 Functional statements.

[A] 104.2.2 ~~Design~~ Construction documents. ~~Design~~
Construction documents shall indicate the method by which the design and construction are to be verified and applicable systems are to be measured.

[A] 104.3 Performance requirements and acceptance method approach.

[A] 104.3.1 Construction documents. ~~Design~~
Registered design professionals shall utilize acceptable methods. Construction documents shall contain the design approach, analysis, research, computation and criteria for acceptance that specify the applicable design guides, and authoritative documents utilized to demonstrate that design objectives are met.

[A] 104.3.2 ~~Design~~ Construction documents. ~~Design~~
Construction documents shall include design verification methods that are required to demonstrate compliance with design objectives and applicable authoritative documents and design guides.

[F] 1701.3.15.3.4 Justification. Justification of the magnitudes of design fire events and design fire scenarios shall be part of the analysis prepared by the registered design professional and shall take into consideration the reasonableness, frequency and severity of the design fire event and design fire scenarios.

[F] 2201.3.19.7 Justification. Justification of the magnitudes of design events shall be part of the analysis prepared by the registered design professional.

[A] C101.2 Criteria. Individually substantiated design methods shall comply with one or more of the following:

1. A process to evaluate design options against the performance objectives and functional statements shall be provided.
2. A comparison, signed and sealed by the ~~principal~~ registered design professional in responsible charge, between the prescriptive requirements and this design method shall be provided.
3. Peer review shall be provided.
4. Reports prepared by the evaluation services shall be documented.
5. This method shall not negatively impact the remainder of the building that complies with the prescriptive codes.
6. The data substantiating the building performance as a whole shall accompany the design solution.
7. This method shall address the actual use of the building, including but not limited to the number of people,

fuel load, awareness and mobility of the people.

8. The methodology for validation of this method for the project shall be acceptable to the ~~principal~~ registered design professional in responsible charge and the code official.
9. This method shall be substantiated by a system-based approach using not less than two acceptable scenarios to demonstrate compliance with design objectives and code provisions.

[A] D101.2 ~~Principal~~ Registered design professional in responsible charge characteristics. ~~Principal~~ Registered design professionals in responsible charge shall possess the following qualifications:

1. Registered architect or engineer by the state or jurisdiction.
2. Knowledge of all facets of the project and the underlying principles of the performance-based code and concepts.
3. Ability to perform in the role of point of contact and to coordinate activities between the design team members, owner and code official.
4. Ability to ensure that all elements of submittal to the code official are compatible, coordinated, logical, complete and comprehensive in documentation.

[A] D101.3 ~~Design~~ Registered design professional characteristics. ~~Design~~ Registered design professionals shall possess the following qualifications:

1. Knowledge of underlying principles of performancebased code and concepts.
2. Education, training and experience in performancebased engineering design.
3. Skill in risk and hazard assessment tools as a design method.
4. Ability to utilize performance-based code objectives and to demonstrate compliance through documentation of decision making and solutions.
5. High skill level in engineering disciplines needed in performance-based designs for structural, mechanical and fire protection systems.

[A] D101.5 Competent reviewer's characteristics. The principal reviewer or code official is responsible to acquire competent reviewers with these characteristics and to utilize registered individuals where required by a state or jurisdiction. These characteristics are applicable to the code official's staff and/or contract reviewers. See Sections 103.3.6.2 and 103.3.6.3.

1. Knowledge of underlying principles and concepts of performance-based code provisions.
2. Education in performance-based engineering principles.
3. Competence in risk and hazard assessment tools as a design method.
4. Ability to verify ~~design~~ construction documents, meet analysis and documentation requirements, and to demonstrate that objectives are met.
5. High skill level in engineering disciplines needed in performance-based designs for structural, mechanical and fire protection systems.

[A] E102.1 Use and documentation. The following are issues that shall be addressed where computer models are used in the design of a building or facility.

1. All computer modeling work is required to be conducted under the guidance of the registered design professional. Although states or jurisdictions may not require licensing or certification for a computer model operator in areas such as fire, structural, mechanical and energy, knowledge and experience is needed in the application of the program limits and the performance-based design objectives for compliance with performancebased code objectives.
2. Computer program data shall be submitted as part of documentation and shall include but not be limited to program name, brief description, type of analysis and application program input and output units and description, and how it is to be used to support design. Statements of exact mathematical model(s) and accompanying submodel(s), if any, uncertainty, assumptions, limitations, scope of applicability and a few reproducible simple benchmark cases shall be included.
3. Background data must be submitted to substantiate why particular scenarios are rejected or accepted.

[A] E103.1 ~~Design~~ Registered design professional. The computer modeling approach is merely a tool for high-speed calculations that provides mathematics calculations, graphical and related results. It is the registered design professional's responsibility to incorporate the above data and background information required as documentation for his or her design document submittal. See Section103 for more information on documentation.

Reason: The purpose is consistent terms between the codes and the ICCPC. The three terms at the beginning of the proposal are modified to make them consistent and follow the terminology into the ICCPC.
This proposal is submitted by the ICC Building Code Action Committee (BCAC). BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

Cost Impact: Will not increase the cost of construction
No cost increase as this is an editorial correlation of terminology between I-codes.

ADM31-16

IEBC: [A] 101.2

Proponent : Dan Buuck, National Association of Home Builders, representing National Association of Home Builders (dbuuck@nahb.org)

2015 International Existing Building Code

Revise as follows:

[A] 101.2 Scope. The provisions of the *International Existing Building Code*shall apply to the *repair*, *alteration*, *change of occupancy*, *addition*to and relocation of *existing buildings*.

> **Exception:** Detached one- and two-family *dwellings* and multiple single-family *dwellings (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, shall comply with this code or the *International Residential Code.*

Reason: The purpose of this code change is to keep intact the status of the IRC as a stand-alone code containing all provisions for "the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal and demolition of detached one-and two-family dwellings and townhouses" as specified in Section R101.2 of the IRC. The proposed language would not prevent the use of the IEBC for these structures if one opted to use it, but would not make it mandatory. We feel it is unnecessary to have provisions for IRC-regulated structures mandated in another I-code.

The proposed exception still allows for the use of the IEBC for buildings under the scope of the IRC. Also, IRC Appendix J can be adopted by local municipalities if they wish to utilize provisions for existing buildings.

Cost Impact: Will not increase the cost of construction
This proposal gives the user the option of following the existing building provisions in the IRC or the IECC. It does not add any technical requirements and, therefore, does not increase the cost of construction.

ADM31-16 : [A] 101.2-BUUCK12438

ADM32-16

IBC: [A] 101.2

Proponent : Jeffrey Shapiro, representing Self (jeff.shapiro@intlcodeconsultants.com)

2015 International Building Code

Revise as follows:

[A] 101.2 Scope. The provisions of this code shall apply to the construction, *alteration*, relocation, enlargement, replacement, *repair*, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.

> **Exception:** Detached one- and two-family *dwellings* and ~~multiple single family~~ *dwellings* ~~(~~*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, shall comply with the *International Residential Code*.

Reason: Editorial. Townhouses is defined in the IBC, and there is no need to partially (and thereby incorrectly) redefine the term in this section, and then show the defined term in parentheses. With this change, the Exception to IBC Section 101.2 will exactly match the correlating text in IRC Section R101.2 (which doesn't include the IBC's extraneous text).

Cost Impact: Will not increase the cost of construction
This change is intended to be an editorial correction that does not impact the cost of construction.

ADM32-16 : [A] 101.2-SHAPIRO13530

ADM33-16

IBC: [A] 101.2

Proponent : Scott Douglas, Douglas Engineering, representing Douglas Engineering (sdouglasscott@gmail.com)

2015 International Building Code

Revise as follows:

[A] 101.2 Scope. The provisions of this code shall apply to the construction, *alteration*, relocation, enlargement, replacement, *repair*, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.

> **Exception:**Detached one- and two-family *dwellings*and multiple single-family *dwellings (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, shall comply with the *International Residential Code*where not in compliance with this code.

Reason: The current language mandates that all structures listed in the exception comply w ith the *International Residential Code*, including ones that comply w ith the *International Building Code.* The revised language captures the actual intent of this exception and is consistent w ith other exception language throughout the *International Building Code.*

Cost Impact: Will not increase the cost of construction
This editiorial clarification w ill not increase the cost of construction.

ADM33-16 : [A] 101.2-DOUGLAS13466

ADM34-16

Part I:
IBC: [A] 101.2
Part II:
IRC: R101.2

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Richard Davidson, representing Self

Part I

2015 International Building Code

Revise as follows:

[A] 101.2 Scope. The provisions of this code shall apply to the construction, *alteration*, relocation, enlargement, replacement, *repair*, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.

> **Exception:**~~Detached one~~ One- and two-family *dwellings*and multiple single-family *dwellings (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, shall comply with the *International Residential Code*.

Part II

2015 International Residential Code

Revise as follows:

R101.2 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.

> **Exceptions:**
> 1. Live/work units located in *townhouses* and complying with the requirements of Section 419 of the *International Building Code* shall be permitted to be constructed in accordance with the *International Residential Code for One- and Two-FamilyDwellings*. Fire suppression required by Section 419.5 of the *International Building Code* where constructed under the *International Residential Code for One- and Two-family Dwellings* shall conform to Section P2904.
> 2. Owner-occupied lodging houses with five or fewer guestrooms shall be permitted to be constructed in accordance with the *International Residential Code for One- and Two-family Dwellings*where equipped with a fire sprinkler system in accordance with Section P2904.

Reason: This is the first in a litany of proposals intended to deal with inexplicable, unnecessary, and just plain stupid text in the IRC. We need to dispense with the theory "this is what it says but that isn't what it means". That attitude only panders to critics of code enforcement and reinforces the notion that we don't know what we are doing. If these issues aren't corrected, those critics will be right! We also need to eliminate conflicting text, ambiguous text, unnecessary regulation, regulation that doesn't meet the minimum standard test, regulation that addresses rare and minor occurrences, regulation that doesn't provide direct prescriptive methods of complying with everyday issues, and regulations that are just plain stupid. Keep this in mind as you consider these proposals.
The title of the Code is the "International Residential Code for One- and Two-family Dwellings". It isn't the "International Residential Code for ***Detached*** One- and Two-family Dwellings". The term "detached" serves no purpose ***in the scope***. If it did, it should be in the title of the code.

The following is from "Effective Use of the IRC" at the beginning of the IRC:

> *The International Residential Code (IRC) was created to serve as a complete, comprehensive code regulating the construction of single-family houses, two-family houses (duplexes) and buildings consisting of three or more townhouse units.*

This introduction says nothing about "detached" one- and two-family dwellings.

For whatever reason, the term "detached" is in the scope. This creates confusion because it causes the user of the code to dwell on what the purpose of the term is and to create intent in application of the code that is not intended.

This doesn't mean that the term can't be used elsewhere in the code. If there are rules for single family dwellings that are freestanding, then it is appropriate to use that term elsewhere. But then the term shouldn't be in the scope and it should be defined.

The term "detached" is undefined in the code. Detached from what? If it is intended to address a dwelling that is not constructed to the lot line it does a poor job of that because any structure built under the IRC can be built to a lot line in accordance with Chapter 3. Chapter 3 provides for exterior wall and opening protection for structures constructed right up to a lot line. In the IBC we don't distinguish between retail stores and detached retail stores. What is the purpose of the term detached? What is supposed to be accomplished?

When the IBC classifies one- and two-family dwellings as R-3 occupancies in Section 310, it makes no reference to "detached". Yet there are numerous references to detached buildings throughout the IBC including dwellings. If it works in the IBC, why wouldn't it work in the IRC?

Merriam Webster defines detached as: *not joined or connected; separate from another part or thing.* If each tow nhouse is a separate building, surely each single family dw elling constructed on its ow n lot is a separate building and therefore is not joined or connected so w hy add the additional term? If tw o single family dw ellings are "attached" on one lot, then it is a tw o-family dw elling and regulated accordingly.

To illustrate the problem consider this. A tow nhouse is defined as a group of three or more attached units. What are tw o attached units w ith a lot line betw een them? They aren't tow nhouses because there are only tw o units. Some folks w ill say they are attached so the scope of the IRC excludes them from being built under the IRC. Is that ridiculous or not?

Current language fails to recognize or does a poor job of recognizing the different dw elling types that can be built under the IRC. We shouldn't be w asting our time arguing such pettiness but the text of the IRC encourages that debate. Fix it.

IBC 310.5 Residential Group R-3. Residential occupancies w here the occupants are primarily permanent in nature and not classified as Groupe R-1, R-2, R-4 or I, including:

{{1205}}

Cost Impact: Will not increase the cost of construction
This is an editorial revision and w ill have no impact on construction costs.

ADM34-16 : R101.2-DAVIDSON10481

ADM35-16

Part I:
IBC: [A] 101.2
Part II:
IECC-CE: C202
Part III:
IECC-RE: R202 (IRC: N1101.6)
Part IV:
IRC: R101.2, R310.1, R313.1.1

THIS IS A 4 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. PART IV WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Gregory Shron, EYA, LLC, representing self (gshron@eya.com); John McLaurin, representing self (jmclaurin@eya.com)

Part I

2015 International Building Code

Revise as follows:

[A] 101.2 Scope. The provisions of this code shall apply to the construction, *alteration*, relocation, enlargement, replacement, *repair*, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.

~~**Exception:**~~**Exceptions:**
1. Detached one- and two-family dwellings and multiple single-family dwellings (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, shall comply with the International Residential Code.
2. Multiple single-family *dwellings (townhouses)* four stories above *grade plane* in height with a separate means of egress shall be permitted to be constructed in accordance with the *International Residential Code* where equipped with a fire sprinkler system in accordance with Section 903.3.1.2 of the *International Building Code* and where the structural design is in accordance with Chapters 16 through 23 of the *International Building Code*.

Part II

2015 International Energy Conservation Code

Revise as follows:

SECTION C202 DEFINITIONS

RESIDENTIAL BUILDING. For this code, includes detached one- and two-family dwellings and ~~multiple single-family dwellings (townhouses) as well as~~ Group R-2, R-3 and R-4 buildings three stories or less in height above grade plane , and multiple single-family dwellings (townhouses) four stories or less in height above grade plane.

Part III

2015 International Energy Conservation Code

Revise as follows:

SECTION R202 DEFINITIONS

GENERAL DEFINITIONS

R202 (N1101.6) RESIDENTIAL BUILDING. For this code, includes detached one- and two-family dwellings and ~~multiple single-family dwellings (townhouses) as well as~~ Group R-2, R-3 and R-4 buildings three stories or less in height above grade plane , and multiple single-family dwellings (townhouses) four stories or less in height above grade plane.

Part IV

2015 International Residential Code

Add new text as follows:

R101.2 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.

Exceptions:

1. Live/work units located in *townhouses* and complying with the requirements of Section 419 of the *International Building Code* shall be permitted to be constructed in accordance with the *International Residential Code for One- and Two-Family Dwellings*. Fire suppression required by Section 419.5 of the *International Building Code* where constructed under the *International Residential Code for One- and Two-family Dwellings* shall conform to Section P2904.
2. Owner-occupied lodging houses with five or fewer guestrooms shall be permitted to be constructed in accordance with the *International Residential Code for One- and Two-family Dwellings*where equipped with a fire sprinkler system in accordance with Section P2904.
3. *Townhouses* four stories above *grade plane* in height with a separate means of egress shall be permitted to be constructed in accordance with the *International Residential Code for One- and Two-Family Dwellings* where equipped with a fire sprinkler system in accordance with Section 903.3.1.2 of the *International Building Code* and where the structural design is in accordance with Chapters 16 through 23 of the *International Building Code.*

R310.1 Emergency escape and rescue opening required. *Basements,habitable attics* and every sleeping room below the fourth story above *grade plane* shall have not less than one operable emergency escape and rescue opening. Where *basements* contain one or more sleeping rooms, an emergency escape and rescue opening shall be required in each sleeping room. Emergency escape and rescue openings shall open directly into a public way, or to a *yard* or court that opens to a public way.

Exception: Storm shelters and *basements* used only to house mechanical *equipment* not exceeding a total floor area of 200 square feet (18.58 m^2).

R313.1.1 Design and installation. Automatic residential fire sprinkler systems for *townhouses* shall be designed and installed in accordance with Section P2904 or NFPA 13D for *townhouses* not more than three stories above *grade plane* in height, and in accordance with NFPA 13R for *townhouses* four stories above *grade plane* in height.

Reason: The construction of four-story tow nhouses has become increasingly prevalent in many urban markets across the country. As design professionals and code officials have w orked through more and more of these building types, it has become apparent that the *International Building Code* does not provide an ideal regulatory framew ork for their construction.
Given the prevalence of the *International Residential Code* as the model code for one- and tw o-family dw ellings, little focus has been applied over the years to the impact of various sections of the *International Building Code* on the design and construction of these buildings. This results in a series of unintended consequences w hen turning to the IBC for the design of a four-story tow nhouse, w here code provisions that are not intended to apply to, or don't effectively translate to, the construction of a single-family dw elling create significant impediments for design professionals.

It may be possible to address the mismatch of using the IBC to design and construct single-family attached dw ellngs by layering exceptions onto the various problematic sections; how ever, it is more sensible and sustainable to move these buildings to the IRC, w hich is already carefully developed specifically for their type.

There are tw o characteristics of four-story tow nhouse construction that are not adequately addressed by the provisions of the IRC: (1) the structural ramifications of adding a fourth level, and (2) the additional protection offered by an NFPA 13R fire sprinkler system. The Proposal expands the scope of the IRC to include four-story tow nhouses, conditional upon compliance w ith the core structural design requirements (Chapters 16-23) of the IBC and the provision of an NFPA 13R fire sprinkler system.

By follow ing this approach, the design of four-story single-family attached dw ellings is simplified w ithout any sacrifice of the key building and life safety provisions associated w ith the current IBC-driven approach.

Cost Impact: Will not increase the cost of construction
This Proposal is intended to streamline the design, review , approval and construction of increasingly common 4-story tow nhouses by bringing them under the purview of the IRC, w ith limited, appropriate references to IBC requirements related to sturctural design and fire sprinkler protection. There are no new requirements associated w ith this Proposal; therefore, there is no resulting increasae in cost.

ADM35-16 : R310.1-SHRON11490

ADM36-16

IRC: R101.2

Proponent : Stephen Thomas, Colorado Code Consulting, LLC, representing Colorado Chapter ICC (sthomas@coloradocode.net)

THIS CODE CHANGE WILL BE HEARD BY THE IRC - BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THIS COMMITTEES.

2015 International Residential Code

Revise as follows:

R101.2 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.

Exceptions:

1. Live/work units located in *townhouses* and complying with the requirements of Section 419 of the *International Building Code* shall be permitted to be constructed in accordance with ~~the *International Residential Code for One- and Two-FamilyDwellings*~~this code~~. Fire suppression required by Section 419.5 of the *International Building Code* where constructed under the *International Residential Code for One- and Two family Dwellings* shall conform to Section P2904.~~
2. Owner-occupied lodging houses with five or fewer guestrooms shall be permitted to be constructed in accordance with ~~the *International Residential Code for One- and Two-family Dwellings* where equipped with a fire sprinkler system in accordance with Section P2904~~ this code.
3. A care facility with five or fewer persons receiving custodial care within a dwelling unit shall be permitted to be constructed in accordance with this code.
4. A care facility with five or fewer persons receiving medical care within a dwelling unit shall be permitted to be constructed in accordance with this code.
5. A care facility for five or fewer persons receiving care that are within a single-family dwelling are permitted to be constructed in accordance with this code.

Reason: There are four locations in the IBC that permits an occupancy to be constructed under the IRC. However, when you go to the scope of the IRC, the scoping section does not have anything that relates to those uses and the cross reference. Therefore, we have provided language that is consistent with the IBC language to properly scope the requirements for the IRC. Without these scoping items, there is no connection between the IBC and the IRC as it is intended to be. The cross referenced section in the IBC and the type of care is as follows:
Item 3 covers persons receiving "custodial care". (308.3.4 & 308.6.4)
Item 4 covers persons receiving "medical care". (308.4.2)
Item 5 covers persons just receiving care. (310.5.1)

The second part of this change is to eliminate unneeded language in the existing items 1 & 2. There is no reason that a section in the IRC should reference the "International Residential Code". Therefore, we have replaced the words with the the term, " this code". This is consistent with language elsewhere in the IRC. We also eliminated the language regarding the fire sprinkler system since the IRC requires fire sprinkler systems in new buildings already. This is redundant language and is not necessary.

Cost Impact: Will not increase the cost of construction
This change is a clarification of existing requirements and does not affect the cost of construction.

ADM36-16 : R101.2-THOMAS11948

ADM37-16

IRC: R101.2

Proponent : Jeffrey Shapiro, representing IRC Fire Sprinkler Coalition (jeff.shapiro@intlcodeconsultants.com)

THIS CODE CHANGE WILL BE HEARD BY THE IRC - BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THIS COMMITTEES.

2015 International Residential Code

Revise as follows:

R101.2 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.

Exceptions:

1. Live/work units located in *townhouses* and complying with the requirements of Section 419 of the *International Building Code* shall be permitted to be constructed in accordance with the *International Residential Code for One- and Two-FamilyDwellings*. Fire suppression required by Section 419.5 of the *International Building Code* where constructed under the *International Residential Code for One- and Two-family Dwellings* shall conform to Section P2904.
2. Owner-occupied lodging houses with five or fewer guestrooms shall be permitted to be constructed in accordance with the *International Residential Code for One- and Two-family Dwellings*where equipped with a fire sprinkler system in accordance with Section P2904.
3. A facility with five or fewer persons receiving custodial care or medical care shall be permitted to be constructed in accordance with the *International Residential Code for One- and Two-family Dwellings* where equipped with a fire sprinkler system in accordance with Section P2904.

Reason: Correlation with requirements in IBC Sections 308.3.4, 308.4.2 and 310.5.1, all of which only permit opting out of IBC and using the IRC when sprinklers are provided. Otherwise, these occupancies are required to be constructed using the IBC. Individuals receiving custodial and medical care in a residential environment are often unable to self-evacuate in the event of a fire and may not have adequate staff support to ensure assisted evacuation. This is recognized by the IBC, which only permits using the IRC when fire sprinklers are provided, and the IRC should correlate with the IBC on this issue, just as it currently does for the identical treatment of lodging houses.

Cost Impact: Will not increase the cost of construction
The IBC and IRC both require fire sprinklers in the affected occupancies, so the added text, with respect to how the I-codes are intended to apply (unamended) has no impact on the cost of construction.

ADM37-16 : R101.2-SHAPIRO13533

ADM38-16

IBC: 310.5.2; IRC: R101.2, R320.1.1

Proponent : Richard Davidson, representing Self

THIS CODE CHANGE WILL BE HEARD BY THE IRC - BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

2015 International Building Code

Revise as follows:

310.5.2 Lodging houses. ~~Owner-occupied~~
~~*lodging*~~ Lodging *houses*with five or fewer *guest rooms*shall be permitted to be constructed in accordance with the *International Residential Code*.

2015 International Residential Code

Revise as follows:

R101.2 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.

Exceptions:

1. Live/work units located in *townhouses* and complying with the requirements of Section 419 of the *International Building Code* shall be permitted to be constructed in accordance with the *International Residential Code for One- and Two-FamilyDwellings*. Fire suppression required by Section 419.5 of the *International Building Code* where constructed under the *International Residential Code for One- and Two-family Dwellings* shall conform to Section P2904.
2. ~~Owner-occupied~~ lodging houses with five or fewer guestrooms shall be permitted to be constructed in accordance with the *International Residential Code for One- and Two-family Dwellings*where equipped with a fire sprinkler system in accordance with Section P2904.

R320.1.1 Guestrooms. A *dwelling* with guestrooms shall comply with the provisions of Chapter 11 of the *International Building Code* for Group R-3. For the purpose of applying the requirements of Chapter 11 of the *International Building Code*, guestrooms shall be considered to be sleeping units.

Exception: ~~Owner-occupied lodging~~ Lodging houses with five or fewer guestrooms constructed in accordance with the *International Residential Code* are not required to be accessible.

Reason: How stupid is it to base rules on where the owner of the building lives! It is unbelievably .... Read the purpose and scope of the IRC. Where does it give special dispensation to business owners who live in their business? And make no mistake, lodging houses are businesses.
Furthermore, the term "owner-occupied" is undefined. How long is the building to be occupied? One day a week, daytime hours, 7 days a week, how long? Can someone own and live in other properties at the same time, such as a vacation home or another lodging house across the street?

How do you plan check "owner-occupied"? How do inspect it? How do you validate compliance? What if the owner changes his mind? How many nights a week must they occupy the place. Can they occupy another home? What do you do if the owner sells to a "non-occupant owner"? Do they rebuild the structure? How does the building department know when the property changes hands?

Do we have special rules for "owner occupied" supermarkets?

This has to be some of the most "out there" code language of all times, regulating a building based on where the owner lives.

Cost Impact: Will not increase the cost of construction
Because it broadens the scope of the code this propasal may reduce construction costs.

ADM38-16 : R101.2-DAVIDSON10773

ADM39-16

IECC: C101.2

Proponent : Steven Rosenstock, representing Edison Electric Institute (srosenstock@eei.org)

THIS CODE CHANGE WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

2015 International Energy Conservation Code

Revise as follows:

C101.2 Scope. This code applies to *commercialbuildings*and the buildings' sites and associated systems and equipment.

> **Exception:** Buildings used for electric distribution system purposes, where optional space conditioning is provided for equipment, with intermittent occupancy for maintenance or repair purposes only, and are less than 1,100 square feet in size are not require to comply with this code.

Reason: This proposal provides a limited exemption for specific types of buildings.
These buildings are used to house electric distribution equipment, not people. They are equipment sheds or equipment vaults. Any space conditioning installed is only meant ot prevent damage to equipment due to extreme weather or storms. The amount of time that people work in these buildings (for maintenance or testing or repair) is minimal.

Based on feedback from EEI member companies, anywhere from 50% to 100% of utility vaults or enclosed switching stations or substations are not conditioned at all. For electric equipment buildings that are conditioned, the temperature settings are typically much higher in the summer (85 degrees F or higher) and much lower in the winter (60 degrees F or lower) than spaces that are meant for human comfort to be maintained on a regular basis.

Some of the electric equipment vaults being used by utilities are sized at 18 feet by 60 feet, or 1,080 square feet. The size limit of 1,100 square feet will ensure that the exemption is limited to these types of buildings.

Cost Impact: Will not increase the cost of construction
This new language will not increase the cost of construction, as it adds a limited exemption for a specific type of building that is used to protect electric equipment from the elements and trespassing.

ADM39-16 : C101.4.2 (NEW)-ROSENSTOCK11715

ADM40-16

IBC: [A] 101.3

Proponent : Edward Kulik, representing Building Code Action Committee (bcac@iccsafe.org)

2015 International Building Code

Revise as follows:

[A] 101.3 Intent. The purpose of this code is to establish the minimum requirements to provide a reasonable level of safety, public health and general welfare through structural strength, *means of egress*facilities, stability, sanitation, adequate light and ventilation, energy conservation, and safety to life and property from fire~~ and other hazards attributed to the built environment~~ , explosion or dangerous conditions and to provide a reasonable level of safety to fire fighters and emergency responders during emergency operations.

Reason: This proposal is submitted by Fire and Life Safety Section of the International Association of Fire Chiefs.
The IBC contains a number of requirements that protect against explosions and other dangerous conditions, such as requirements for special amusement buildings, combustible storage, Group H occupancies, hydrogen fuel gas rooms and combustible dusts. In these cases the hazards being mitigated by the code are related to the operations conducted within the building, not hazards associated with the built environment.

This proposal clarifies the intent of the code, and provides better correlation with the IFC Section 101.3.

This proposal is submitted by the ICC Building Code Action Committee (BCAC). BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

Cost Impact: Will not increase the cost of construction
This proposal merely clarifies the intent of the code.

ADM40-16 : [A] 101.3-KULIK4729

ADM41-16

Part I:
IBC: [A] 101.3; ICCPC: [A] 101.2.1; IFC: [A] 101.2
Part II:
IRC: R101.3

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Richard Davidson, representing Self

Part I

2015 International Building Code

Revise as follows:

[A] 101.3 Intent. The purpose of this code is to establish the minimum requirements to provide a reasonable level of safety, public health and general welfare through structural strength, *means of egress*facilities, stability, sanitation, adequate light and ventilation, energy conservation, and safety to life and property from fire and other hazards attributed to the built environment and to provide a reasonable level of safety to fire fighters~~ and~~ , emergency responders ~~during emergency operations~~ and department of building safety personnel.

2015 ICC Performance Code for Buildings and Facilities

Revise as follows:

[A] 101.2.1 Building. To provide an acceptable level of health, safety, and welfare and to limit damage to property from events that are expected to impact buildings and structures. Accordingly, Part II of this code intends buildings and structures to provide for the following:

1. An environment free of unreasonable risk of death and injury from fires.
2. A structure that will withstand loads associated with normal use and of the severity associated with the location in which the structure is constructed.
3. Means of egress and access for normal and emergency circumstances.
4. Limited spread of fire both within the building and to adjacent properties.
5. Ventilation and sanitation facilities to maintain the health of the occupants.
6. Natural light, heating, cooking and other amenities necessary for the well being of the occupants.
7. Efficient use of energy.
8. Safety to fire fighters~~ and~~ , emergency responders ~~during emergency operations~~ and department of building safety personnel.

2015 International Fire Code

Revise as follows:

[A] 101.2 Scope. This code establishes regulations affecting or relating to structures, processes, premises and safeguards regarding all of the following:

1. The hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices.
2. Conditions hazardous to life, property or public welfare in the occupancy of structures or premises.
3. Fire hazards in the structure or on the premises from occupancy or operation.
4. Matters related to the construction, extension, repair, alteration or removal of fire suppression or alarm systems.
5. Conditions affecting the safety of fire fighters~~ and~~ , emergency responders ~~during emergency operations~~ and department of building safety personnel.

Part II

2015 International Residential Code

Revise as follows:

R101.3 Intent. The purpose of this code is to establish minimum requirements to safeguard the public safety, health and general welfare through affordability, structural strength, means of egress facilities, stability, sanitation, light and ventilation, energy conservation and safety to life and property from fire and other hazards attributed to the built environment and to provide safety to fire fighters~~ and~~ , emergency responders~~ during emergency operations~~ , and department of building safety personnel.

Reason: When the code was amended a few years back to giving special attention to fire fighters and emergency responders, a separate and special class of people was created. However, they deserve no more attention than other occupants or visitors to the dwelling. The door

w as opened.
Building department personnel visit every building built under the IRC during one of the most dangerous periods of the life of the building, during construction, not just those w hen perceived emergencies could occur. Building department personnel have just as much right to safety as do emergency personnel w ho may never set foot in the building. There is no greater risk to fire fighters during emergency operations than there is for the general public. What more should be done for firefighters w ho are trained for these emergencies than is done for the occupants of the building?

But it is there and everyone should be afforded equal protection. As is often said, level the playing field so that everyone is treated equally.

Cost Impact: Will not increase the cost of construction
This proposal w ill have no greater impact on construction costs than w hen the scope w as expanded to include first responders.

ADM41-16 : R101.3-DAVIDSON10774

ADM42-16

Part I:
IECC-CE: C101.3
Part II:
IECC-RE: R101.3 (IRC N1101.2)

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDERS FOR THESE COMMITTEES.

Proponent : Donald Surrena, representing National Association of Home Builders (dsurrena@nahb.org)

Part I

2015 International Energy Conservation Code

Revise as follows:

C101.3 Intent. This code shall regulate the design and construction of buildings for the effective net energy use and conservation of energy over the useful life of each building. This code is intended to provide flexibility to permit the use of innovative approaches and techniques to achieve this objective. This code is not intended to abridge safety, health or environmental requirements contained in other applicable codes or ordinances.

Part II

2015 International Energy Conservation Code

Revise as follows:

R101.3 (N1101.2) Intent. This code shall regulate the design and construction of buildings for the ~~effective~~ net energy use and conservation of energy over the useful life of each building. This code is intended to provide flexibility to permit the use of innovative approaches and techniques to achieve this objective. This code is not intended to abridge safety, health or environmental requirements contained in other applicable codes or ordinances.

Reason: This modification is to clarify that the IECC intends that designers, builders, and code officials consider the net energy needed for a building to operate. There has to be consideration for on site generated energy. The code already acknowledges on-site renewable energy in C406 and R401.2.1 as a means to conserve energy. The intent should acknowledge the the inclusion of renewables and their net results.

Cost Impact: Will not increase the cost of construction
This proposal only clarifies that the IECC consider the net energy needed for a building to operate as designed in addition to a means to conserve that energy.

ADM42-16 : C101.3-SURRENA12391

ADM43-16

Part I:
IECC-CE: C101.3
Part II:
IECC-RE: R101.3 (IRC: N1101.2)

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDERS FOR THESE COMMITTEES.

Proponent : Steven Rosenstock, representing Edison Electric Institute (srosenstock@eei.org)

Part I

2015 International Energy Conservation Code

Revise as follows:

C101.3 Intent. This code shall regulate the design and construction of buildings for the effective use, conservation, and ~~conservation~~ production of energy over the useful life of each building. This code is intended to provide flexibility to permit the use of innovative approaches and techniques to achieve this objective. This code is not intended to abridge safety, health or environmental requirements contained in other applicable codes or ordinances.

Part II

2015 International Energy Conservation Code

Revise as follows:

R101.3 (N1101.2) Intent. This code shall regulate the design and construction of buildings for the effective use, conservation, and ~~conservation~~ production of energy over the useful life of each building. This code is intended to provide flexibility to permit the use of innovative approaches and techniques to achieve this objective. This code is not intended to abridge safety, health or environmental requirements contained in other applicable codes or ordinances.

Reason: PART 1 - In Section C406.1, one of the options to comply with the "additional efficiency package options" is to add an on-site supply of renewable energy in accordance with Section C406.5. Renewable energy systems are a form of energy production, not energy conservation. As a result, the code is now starting to regulate energy production, since there is a minimum requirement in C406.5, and this change should be reflected in the intent of the code.
PART 2 - This proposal updates the intent to show that the IECC is now starting to regulate energy production.

For example, Appendix RB contains requirements for solar-ready provisions installed on single-family homes and townhouses. In Section 406, the Energy Rating Index Compliance Alternative, renewable energy production can be used to obtain a better score. Therefore, the code is now starting to regulate renewable energy systems that are installed in residential facilities.

Renewable energy systems are a form of energy production, not building energy use. The production of renewable energy does not conserve the amount of energy a building or system or appliance will use. The intent of the code should be updated to account for the recent code changes.

Cost Impact: Will not increase the cost of construction
This proposal clarifies the intent of the code, and does not add any new code requirements that would increase the cost of construction.

ADM43-16 : C101.3-ROSENSTOCK11714

ADM44-16

IBC: 101.3.1 (New)

Proponent : Tom Zaremba, Roetzel & Andress, representing Self (tzaremba@ralaw.com)

2015 International Building Code

[A] 101.3 Intent. The purpose of this code is to establish the minimum requirements to provide a reasonable level of safety, public health and general welfare through structural strength, *means of egress*facilities, stability, sanitation, adequate light and ventilation, energy conservation, and safety to life and property from fire and other hazards attributed to the built environment and to provide a reasonable level of safety to fire fighters and emergency responders during emergency operations.

Add new text as follows:

[A] 101.3.1 Life safety When considered as a whole, built environments shall be such that the life safety of building occupants, whether the public, fire fighters or emergency responders, does not depend on a single fire protection system, or fire-resistance-rated material, system or assembly. Life safety features shall be diverse and, to the extent practicable, redundant in case any single life safety feature is ineffective, whether due to human action, inaction or system failure.

Reason: This proposed addition to Chapter 1, merely states what is already being done in the International Building Code. Since it is already being done, no additional changes to this precept need to be made to the code.
Since this is already a guiding precept of the code, it should be articulate amongst the purposes of the code.

(Section 4.5.1 of NFPA 101, Life Safety Code, is a similar statement of precept).

Cost Impact: Will not increase the cost of construction
Since the International Building Code already follows this precept, no other changes to the IBC are necessary and articulating this precept amongst the purposes of the IBC will not increase the cost of construction.

ADM44-16 : [A] 101.3-ZAREMBA5236

ADM45-16

Part I:
IECC-CE: C101.3
Part II:
IECC-RE: R101.3 (IRC N1101.2)

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDERS FOR THESE COMMITTEES.

Proponent : Donald Surrena (dsurrena@nahb.org)

Part I

2015 International Energy Conservation Code

Revise as follows:

C101.3 Intent. This code shall regulate the design and construction of buildings for the effective use and conservation of energy ~~over the useful life of each building~~. This code is intended to provide flexibility to permit the use of innovative approaches and techniques to achieve this objective. This code is not intended to abridge safety, health or environmental requirements contained in other applicable codes or ordinances.

Part II

2015 International Energy Conservation Code

Revise as follows:

R101.3 (N1101.2) Intent. This code shall regulate the design and construction of buildings for the effective use and conservation of energy ~~over the useful life of each building~~. This code is intended to provide flexibility to permit the use of innovative approaches and techniques to achieve this objective. This code is not intended to abridge safety, health or environmental requirements contained in other applicable codes or ordinances.

Reason: This term has no practical benefit to the intent and is ambiguous as to how it will be interpreted. It is a term that is used in a green code or above code program. The term does not belong in a minimum code.

Cost Impact: Will not increase the cost of construction
This is clarifying language and will not increase the cost of construction.

ADM45-16 : C101.3-SURRENA12393

ADM46-16

Part I:
IECC-CE: C102.1.1
Part II:
IECC-RE: R102.1.1 (IRC N1101.4)

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDERS FOR THESE COMMITTEES.

Proponent : Donald Surrena, representing National Association of Home Builders (dsurrena@nahb.org; Craig Conner, representing self (craig.conner@mac.com)

Part I

2015 International Energy Conservation Code

Revise as follows:

C102.1.1 Above code programs. The *code official* or other authority having jurisdiction shall be permitted to deem a national, state or local energy efficiency program to exceed the energy efficiency required by this code. Buildings *approved* in writing by such an energy efficiency program shall be considered to be in compliance with this code. ~~The requirements identified as "mandatory" in Chapter 4 shall be met.~~

Part II

2015 International Energy Conservation Code

Revise as follows:

R102.1.1(N1101.4) Above code programs. The *code official* or other authority having jurisdiction shall be permitted to deem a national, state or local energy-efficiency program to exceed the energy efficiency required by this code. Buildings *approved* in writing by such an energy-efficiency program shall be considered to be in compliance with this code. ~~The requirements identified as "mandatory" in Chapter 4 shall be met.~~

Reason:
Surrena: The key element of an above-code energy program is that it must meet or exceed the energy-efficiency requirements of the IECC. Requiring such a program to also meet the detailed prescriptive requirements labeled as "mandatory" in the IECC defeats the purpose of performance-based above-code programs. Above code programs are often 10% or more above the minimum requirement for compliance. If required to meet the mandatory requirements also renders the above code program too cost prohibitive to use. Requiring all "Mandatory" to be met is saying "OK you've picked a program that by itself is more efficient than the base IECC by itself. Now do more and add more materials and costs that were not needed to exceed the code." Why do the above code program at all?

Conner: The key element of an above code program is that it must meet or exceed the energy efficiency requirements of the IECC. Requiring such a program to also meet the detailed prescriptive requirements labeled as "mandatory" in the IECC defeats the purpose of a performance based above code program. This code change proposal will allow flexibility in the methodology used for any above code program to meet or exceed the minimum energy efficiency requirements of the IECC.
This change corrects the erroneous use of the term "mandatory". The word "shall" and the concept of "mandatory" is woven throughout the I-codes. It is important that the energy code use"shall" correctly. The IRC definition of SHALL: "The term, when used in this code, is construed to mean "mandatory".

Cost Impact: Will not increase the cost of construction
Surrena: This proposal will allow above code programs to function as they were intended and lower their cost.
Conner: Allowing approved programs to recognize buildings that are at or above the energy efficiency in the IECC helps take the workload off code enforecment staff. It also gives those constructing buildings an option for code approval, including an option that might recognize their inovative construction. Both will tend to reduce costs.

ADM46-16 : C102.1.1-SURRENA12395

ADM47-16

Part I:
IECC-CE: C102.1, C102.1.1, C102.1.2 (New)
Part II:
IECC-RE: R102.1, R102.1.1 (IRC N1101.4), R102.1.2 (New) [IRC N1101.5 (New)]

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDERS FOR THESE COMMITTEES.

Proponent : Craig Conner, representing self (craig.conner@mac.com)

Part I

2015 International Energy Conservation Code

Revise as follows:

C102.1 General. ~~This~~
The provisions of this code ~~is~~ are not intended to prevent the ~~use~~ installation of any material~~,~~ or to prohibit any design or method of construction~~, design or insulating system~~ not specifically prescribed ~~herein~~ by this code, provided that any such ~~construction~~ alternative has been approved. An alternative material, design or ~~insulating system has been *approved* by~~ method of construction shall be approved where the ~~*code official* as meeting~~ code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code.

C102.1.1 Above code programs. The ~~*code official*~~code official or other authority having jurisdiction shall be permitted to deem a national, state or local energy efficiency program to meet or exceed the energy efficiency required by this code. Buildings *approved* in writing by such an energy efficiency program shall be considered in compliance with this code. ~~The requirements identified as "mandatory" in Chapter 4 shall be met.~~

Add new text as follows:

C102.1.2 Accredited programs and design Where the code official or other authority having jurisdiction accepts alternative national programs and designs, such programs and designs shall have received accreditation by an independent accreditation body. The independent accreditation body shall certify programs or designs as meeting or exceeding the energy efficiency required by this code. Buildings and designs that have received approval in writing and are verified by an approved party shall be considered to be in compliance with this code.

Part II

2015 International Energy Conservation Code

Revise as follows:

R102.1 General. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. ~~The code official shall be permitted to approve an~~ An alternative material, design or method of construction shall be approved where the ~~*code official*~~code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code.

R102.1.1 (N1101.4) Above code programs. The *code official* or other authority having jurisdiction shall be permitted to deem a national, state or local energy-efficiency program to meet or exceed the energy efficiency required by this code. Buildings *approved* in writing by such an energy-efficiency program shall be considered in compliance with this code. ~~The requirements identified as "mandatory" in Chapter 4 shall be met.~~

Add new text as follows:

R102.1.2 (N1101.5) Accredited programs and design. Where the code official or other authority having jurisdiction accepts alternative national programs and designs, such programs and designs shall have received accreditation by an independent accreditation body. The independent accreditation body shall certify programs or designs as meeting or exceeding the energy efficiency required by this code. Buildings and designs that have received approval in writing and are verified by an approved party shall be considered to be in compliance with this code.

Reason: This sets the stage for accrediting programs outside the code to be deemed at least as good as code. Some programs, such as RESNET's HERS are currently too proprietary to name in the code; however, could be accredited, perhaps with restrictions. Then existing infrastructure can help deliver efficient homes. Just as important, there will be a variety of good programs that can help deliver energy efficiency. Some local, some national, some public, some private, some focused on specific types of homes, others broad...all can help. The code official does not have time to look at all the individual programs. We need a mechanism to accredit those programs or their energy efficient designs, This is a way to help deliver verified energy efficiency that is acceptable to the code official. Code officials need a chance to catch their breath.
The "General" section lifts code text from the IRC to better describe the flexibility in the IECC.

In the middle section above, the IECC is made consistent with the I-code concept of potentially approving an alternative that is at least as good

as code ("meet or exceed", as in this change). It makes no sense to meet an alternative then go back and say to meet the code too, so the "mandatory" sentence was removed.

The last section is most important. It sets the stage for accrediting programs outside the code as at least as good as code. Some programs, such as RESNET's HERS are currently too proprietary to name in the code; however, they might be accredited, perhaps with restrictions, then that existing infrastructure can help deliver efficient homes. Just as important, there will be a variety of good programs that can help deliver energy efficiency. Some local, some national, some public, some private, some focused on specific types of homes, others broad; all can help. The code official does not have time to look at all the individual programs. We need a mechanism to accredit those programs or their energy efficient designs, This is a way to help deliver verified energy efficiency where this is acceptable to the code official. Code officials need a chance to catch their breath.

The "General" section lifts code text from the IRC to better describe the flexibility in the IECC.

In the middle section above, the IECC is made consistent with the I-code concept of potentially approving an alternative that is at least as good as the code, "meet or exceed", as in this change. It makes no sense to meet an alternative then go back and say to meet the code too, so the "mandatory" sentence was removed.

Cost Impact: Will not increase the cost of construction
This creastes options. Options tend to lower cost.

Analysis:
IECC-RE Section R102.1 is not duplicated in Chapter 11 of the IRC. Therefore, the proposed revision of Section R102.1 does not impact Chapter 11.

ADM47-16 : C102.1-CONNER12868

ADM48-16

IFGC: [A] 102.2.1; IMC: [A]102.2.1 (New); IPC: [A]102.2.1 (New)

Proponent : Janine Snyder, representing Plumbing Mechanical and Fuel Gas Code Action Committee (PMGCAC@iccsafe.org)

2015 International Fuel Gas Code

Revise as follows:

[A] 102.2.1 Existing buildings. Additions, alterations, renovations or repairs related to building or structural issues shall be regulated by the *International Existing Building Code*.

2015 International Mechanical Code

Add new text as follows:

102.2.1 Existing building. Additions, alterations, renovations or repairs related to building or structural issues shall be regulated by the *International Existing Building Code*.

2015 International Plumbing Code

Add new text as follows:

102.2.1 Existing building. Additions, alterations, renovations or repairs related to building or structural issues shall be regulated by the *International Existing Building Code*.

Reason: This proposal corrects the I-code reference for work performed on an existing building from the IBC to the IEBC. This should have been addressed when Chapter 34 was removed from the IBC and all work related to exising buildings was to comply with the IEBC. Additionally, this proposal provides consistency in the requirements of the IFGC, IMC and IPC with respect to additions, alterations, renovations or repairs related to building or structural issues.
This proposal is submitted by the ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC). The PMGCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes and the code content in terms of scope and application of referenced standards. The PMGCAC has held one open meeting and multiple conference calls which included members of the PMGCAC. Interested parties also participated in all conference calls to discuss and debate the proposed changes.

Cost Impact: Will not increase the cost of construction
No cost increase as this is an editorial clarification and correlation of the I-codes.

ADM48-16 : [A] 102.2.1-SNYDER11243

ADM49-16

IFC: [A] 102.3

Proponent : Marcelo Hirschler, representing GBH International (gbhint@aol.com); Jeffrey Shapiro, representing Self (jeff.shapiro@intlcodeconsultants.com)

2015 International Fire Code

Revise as follows:

[A] 102.3 Change of use or occupancy. ~~Changes~~
A *change in occupancy* shall not be made ~~in~~ unless the use or occupancy ~~of any structure that would place the structure in a different division of the same group or occupancy or in a different group of occupancies, unless such structure~~ is made to comply with the requirements of this code and the *International Building Code*. ~~Subject to the approval of~~

> **Exception:** Where approved by the *fire code official*, ~~the use or occupancy of an existing structure~~ a *change of occupancy* shall be ~~allowed to be changed and the structure is allowed to be occupied for purposes in other groups~~ permitted without ~~conforming to all of~~ complying with the requirements of this code and the *International Building Code*, ~~for those groups,~~ provided the new or proposed use or occupancy is less hazardous, based on life and fire risk, than the existing use or occupancy.

Reason: The revision to IFC Section 102.3 correlates with and uses the revised definition of "*change of occupancy*", made in an associated proposal for all applicable codes. Otherwise, the IFC is essentially re-defining the term *"change of occupancy"* in Section 102.3. Thus, by referencing the definition, this clarifies that changes in use that don't trigger an occupancy re-classification (for example converting an S occupancy to include high-piled storage, modifying the types or quantities of hazardous materials, converting a business to a dry-cleaning operation or many other special uses of an occupancy covered in Chapter 6 and Chapters 20-67) will still trigger application of applicable IFC requirements.

Cost Impact: Will not increase the cost of construction
This revision is regarded as a clarification of existing code application and is not expected to impact the cost of construction.

ADM49-16 : [A] 102.3-HIRSCHLER12819

ADM50-16

IFC: [A] 102.5

Proponent : Dan Buuck, National Association of Home Builders (dbuuck@nahb.org)

2015 International Fire Code

Revise as follows:

[A] 102.5 Application of residential code. Where structures are designed and constructed in accordance with the *International Residential Code*, the provisions of this code shall apply as follows:

1. Construction and design provisions of this code pertaining to the exterior of the structure shall apply including, but not limited to, premises identification, fire apparatus access and water supplies. ~~Where interior or exterior systems or devices are installed, construction permits required by Section 105.7 of this code shall apply.~~
2. ~~Administrative~~ Where the *International Residential Code* references the *International Fire Code*, administrative, operational and maintenance provisions of this code shall apply.

Reason: The original intent of this provision, approved in the 07/08 cycle, was to clear up the vagueness in how the IRC and the IFC interact and how they apply to one- and two- family dwellings and townhouses. A public comment was submitted and approved at the final action hearing which resulted in the current code text. Unfortunately, instead of clearly defining where the scope of the IFC ends and the scope of the IRC begins, the current language has created more controversy over which code regulates the construction, design and maintenance of interior features in one- and two- family dwellings and townhouses.

One of the significant problems with the current language is found in the last sentence of Item 1, regarding the construction permits required by Section 105.7. All of the required construction permits that would apply to these types of structures, as indicated in this section, are already addressed within the scope of the International Residential Code. The commentary to Section R101.1 specifically states that the intent of the IRC is to be a "stand-alone residential code that establishes minimum regulations for one- and two-family dwellings and townhouses." The IFC commentary to Section 102.5 further emphasizes this concept by stating "The IRC is designed and intended for use as a stand-alone code for the construction of detached one- and two-family dwellings and townhouses not more than three stories in height. As such, the construction of detached one- and two-family dwellings and townhouses is regulated exclusively by the IRC and not subject to the provision of any other I-Codes, other than to the extent specifically referenced." The intent of providing a stand-alone residential code is that there is no need for duplicative construction or permitting requirements within the I-Codes that would require a builder or homeowner to go out and get separate permits under the IRC and IFC for the same scope of work. Approval of this proposal will ensure the intent of the IRC scope, as a stand-alone construction document, is maintained while ensuring that the exterior fire protection features are still regulated under the scope of the IFC.

Cost Impact: Will not increase the cost of construction
This change is editorial in nature and does not change or create any technical requirements. It is for clarification that the provisions of the IRC are within that document.

ADM50-16 : [A] 102.5-BUUCK12388

ADM51-16

Part I:
IBC: [A] 102.6.2; IEBC: [A] 101.4.2; IWUIC: [A] 102.6
Part II:
IRC: R102.7

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Richard Davidson, representing Self

Part I

2015 International Building Code

Revise as follows:

[A] 102.6.2 ~~Buildings previously occupied~~ Existing structures. The legal occupancy of any building existing on the date of adoption of this code shall be permitted to continue without change, except as otherwise specifically provided in this code, the *International Fire Code*or *International Property Maintenance Code*.~~, or as is deemed necessary by the *building official* for the general safety and welfare of the occupants and the public.~~

2015 International Existing Building Code

Revise as follows:

[A] 101.4.2 ~~Buildings previously occupied~~ Existing structures. The legal occupancy of any building existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, the *International Fire Code*, or the *International Property Maintenance Code*~~, or as is deemed necessary by the *code official* for the general safety and welfare of the occupants and the public~~.

2015 International Wildland-Urban Interface Code

Revise as follows:

[A] 102.6 Existing structures and conditions. The legal occupancy or use of any structure or condition existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, the *International Property Maintenance Code*or the *International Fire Code*~~, or as is deemed necessary by the code official for the general safety and welfare of the occupants and the public~~.

Part II

2015 International Residential Code

Revise as follows:

R102.7 Existing structures. The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, the *International Property Maintenance Code*or the*International Fire Code*~~, or as is deemed necessary by the *building official* for the general safety and welfare of the occupants and the public~~.

Reason: Who died and made the building official king? What makes him so smart that he can make this determination? If it isn't covered in the rules then the building official shouldn't be making stuff up. The text needs to be deleted.

Cost Impact: Will not increase the cost of construction
This is an editorial revision that will not impact construction costs.

ADM51-16 : R102.7-DAVIDSON10775

ADM52-16

IRC: R102.7

Proponent : Stephen Thomas, Colorado Code Consulting, LLC, representing Colorado Chapter ICC (sthomas@coloradocode.net)

THIS CODE CHANGE WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THIS COMMITTEES.

2015 International Residential Code

Revise as follows:

R102.7 Existing structures. The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, the *International* ~~*Property Maintenance*~~ *Existing Building Code*, the *International Property Maintenance Code* or the*International Fire Code*, or as is deemed necessary by the *building official* for the general safety and welfare of the occupants and the public.

Reason: The International Existing Building Code (IEBC) has language that references the International Residential Code (IRC). Therefore, it makes sense that the IRC references back to the IEBC. The IRC references the IFC and the IPMC because those two codes have references back to the IRC. This is the same kind of requirement. The IRC is referenced in the Existing Building Code a total of 50 times. It is our position that if the IEBC was not intended to apply to IRC buildings, those cross references should not be included in the code. We are just completing the cross reference between the two codes.

Cost Impact: Will not increase the cost of construction
This just cleans up the cross reference between the two codes. Therefore, there should be no increase in cost.

ADM52-16 : R102.7-THOMAS11436

ADM53-16

IRC: R102.7.1

Proponent : Richard Davidson, representing Self

THIS CODE CHANGE WILL BE HEARD BY THE IRC-BUILDING COMMITTEE. sEE THE TENTATIVE HEARING ORDER FOR THIS COMMITTEE.

2015 International Residential Code

Revise as follows:

R102.7.1 Additions, alterations or repairs. *Additions*, *alterations* or repairs to any structure shall conform to the requirements for a new structure without requiring the existing structure to comply with the requirements of this code, unless otherwise stated. *Additions*, *alterations,* repairs and relocations shall not cause an existing structure to become unsafe or adversely affect the performance of the building

Exceptions:

1. Replacement windows shall be exempt from the requirements for new windows provided that the replacement window has equivalent area, size, and opening dimensions of the existing window.
2. Existing exit doors required by Section R311.2 shall be exempt from the requirements for new exit doors provided that the replacement door has equivalent area, size, and opening dimensions of the existing door.

Reason: The cost to replace existing windows and doors can increase significantly if compliance with current code is required. The size of existing windows and doors does not make them hazardous or unsafe if they were legally installed or the Property Maintenance Code would require them all to be replaced. That would be a messy situation.
All too often overzealous code officials require egress windows, doors, etc. to be changed because of this section. Egress window sizes have changed over the years as follows:
• '70 5.0 sq. ft., 48" sill
• '76 opening to 5.7 sq. ft. and 44 inches sill.
Emergency escape and rescue openings may not have been required when the home was built. Existing bedroom windows are legal windows and should be able to be replaced with similar windows.

Doors in older homes may not meet the three foot wide, six foot eight inch height requirement. Enlarging an opening to replace a door not meeting current standards can more than double the cost of an installation. And often there is little to be gained by doing so.

Cost Impact: Will not increase the cost of construction
This proposal should decrease construction costs due to the ability to use equivalent sized windows and doors instead of increasing their size.

ADM53-16 : R102.7.1-DAVIDSON10779

ADM54-16

Part I:
IECC-CE: C103.1
Part II:
IECC-RE: R103.1

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDERS FOR THESE COMMITTEES.

Proponent : Robby Schwarz, representing EnergyLogic, Inc. (robby@nrglogic.com)

Part I

2015 International Energy Conservation Code

Revise as follows:

C103.1 General. Construction documents, technical reports, compliance reports, and other supporting data shall be submitted in one or more sets with each application for a permit. The construction documents and technical reports shall be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed. Where special conditions exist, the *code official* is authorized to require necessary construction documents to be prepared by a registered design professional.

> **Exception:** The *code official* is authorized to waive the requirements for construction documents or other supporting data if the *code official* determines they are not necessary to confirm compliance with this code.

Part II

2015 International Energy Conservation Code

Revise as follows:

R103.1 General. Construction documents, technical reports, compliance reports, and other supporting data shall be submitted in one or more sets with each application for a permit. The construction documents and technical reports shall be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed. Where special conditions exist, the *code official* is authorized to require necessary construction documents to be prepared by a registered design professional.

> **Exception:** The *code official* is authorized to waive the requirements for construction documents or other supporting data if the *code official* determines they are not necessary to confirm compliance with this code.

Reason: It is not clear in the code that compliance reports are required for permitting for each pathway in the code. This small addition makes it clear. In addition, compliance reports are not construction reports or tech reports such as a soil engineering report, so do not have to be created by a design professional. This additional language demonstrates that compliance reports do not have to be created by design professional, which positively impacts the ability for builders to use alternate means of compliance with the code because they do not need to get a design professional involved. Lastly, this additional language offers a more cost effective option for builders to demonstrate compliance with the code because design professionals are not required to be used for the creation of the compliance reports.

Cost Impact: Will not increase the cost of construction
There would be no cost impact associated with this proposed definition. Infact, this additional language offers a more cost effective option for builders to demonstrate compliance with the code because design professionals are not required to be used for the creation of the compliance reports.

ADM54-16 : R103.1-SCHWARZ12436

ADM55-16

Part I:

IBC: [A] 104.1; IEBC: [A] 104.1; IFC: [A] 104.1; IFGC: [A] 104.1; IMC: [A] 104.1; IPC: [A] 104.1; IPSDC: [A] 104.1; IPMC: [A] 104.1; ISPSC: [A] 104.1; IWUIC: [A] 104.1, [A] 104.2

Part II:

IRC: R104.1

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Richard Davidson, representing Self

Part I

2015 International Building Code

Revise as follows:

[A] 104.1 General. The *building official*is hereby authorized and directed to enforce the provisions of this code. The *building official*shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Policies shall be in written form and be available to the public on request. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

2015 International Existing Building Code

Revise as follows:

[A] 104.1 General. The *code official*is hereby authorized and directed to enforce the provisions of this code. The *code official*shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies, and procedures shall be in compliance with the intent and purpose of this code. Policies shall be in written form and be available to the public on request. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

2015 International Fire Code

Revise as follows:

[A] 104.1 General. The *fire code official*is hereby authorized and directed to enforce the provisions of this code~~ and~~ . The *fire code official* shall have the authority to render interpretations of this code~~,~~ and to adopt policies~~,~~ and procedures~~, rules and regulations~~ in order to clarify the application of its provisions. Such interpretations, policies, procedures, rules and regulations shall be in compliance with the intent and purpose of this code . Policies shall be in written form and be available to the public on request. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

2015 International Fuel Gas Code

Revise as follows:

[A] 104.1 General. The code official is hereby authorized and directed to enforce the provisions of this code. The code official shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Policies shall be in written form and be available to the public on request. Such policies and procedures shall not have the effect of waiving requirements specifically provided in this code.

2015 International Mechanical Code

Revise as follows:

[A] 104.1 General. The code official is hereby authorized and directed to enforce the provisions of this code. The code official shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Policies shall be in written form and be available to the public on request. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

2015 International Plumbing Code

Revise as follows:

[A] 104.1 General. The code official is hereby authorized and directed to enforce the provisions of this code. The code official shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the

intent and purpose of this code. Policies shall be in written form and be available to the public on request. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

2015 International Private Sewage Disposal Code

Revise as follows:

[A] 104.1 General. The code official is hereby authorized and directed to enforce the provisions of this code. The code official shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Policies shall be in written form and be available to the public on request. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

2015 International Property Maintenance Code

Revise as follows:

[A] 104.1 General. The *code official*is hereby authorized and directed to enforce the provisions of this code. The *code official*shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Policies shall be in written form and be available to the public on request. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

2015 International Swimming Pool and Spa Code

Revise as follows:

[A] 104.1 General. The code official is hereby authorized and directed to enforce the provisions of this code. The code official shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Policies shall be in written form and be available to the public on request. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

2015 International Wildland-Urban Interface Code

Revise as follows:

[A] 104.1 ~~Powers and duties of the code official~~ General. The ~~code official~~ *code official* is hereby authorized and directed to enforce the provisions of this code. The ~~code official~~ *code official* shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies, and procedures shall be in compliance with the intent and purpose of this code. Policies shall be in written form and be available to the public on request. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

[A] 104.2 Interpretations, rules and regulations. ~~The code official shall have the power to render interpretations of this code and to adopt and enforce rules and supplemental regulations to clarify the application of its provisions. Such interpretations, rules and regulations shall be in conformance to the intent and purpose of this code.~~

A copy of such rules and regulations shall be filed with the clerk of the jurisdiction and shall be in effect immediately thereafter. ~~Additional copies shall be available for distribution to the public.~~

Part II

2015 International Residential Code

Revise as follows:

R104.1 General. The *building official* is hereby authorized and directed to enforce the provisions of this code. The *building official* shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in conformance with the intent and purpose of this code. Policies shall be in written form and be available to the public on request. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

Reason: If policies aren't in writing, they can be made up on a whim. It is good business practice for uniformity and for the public to know what those policies are. It can also help the building official remember what his policies are.
The editorial changes to the IFC and IWUIC are just for consistency with verbaige found in the other codes. There are no changes in requirements. The IWUIC already required the policies in writing.

Cost Impact: Will not increase the cost of construction
This is a clarification of administration duties and will have no impacts on construction costs.

ADM55-16 : R104.1-DAVIDSON10780

ADM56-16

Part I:
IECC-CE: C104.1, C104.2, C104.2.1, C104.2.2, C104.2.3, C104.2.4, C104.2.5, C104.2.6
Part II:
IECC-RE: R104.1, R104.2, R104.2.1, R104.2.2, R104.2.3, R104.2.4, R104.2.5

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDERS FOR THESE COMMITTEES.

Proponent : Hope Medina, representing Colorado Chapter of ICC (hmedina@coloradocode.net)

Part I

2015 International Energy Conservation Code

Revise as follows:

SECTION C104 INSPECTIONS

C104.1 General. Construction or work for which a permit is required shall be subject to inspection by the *code official* or his or her designated agent, or approved agency, and such construction or work shall remain accessible and exposed for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall be valid. It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. Neither the *code official* nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material, product, system or building component required to allow inspection to validate compliance with this code.

C104.2 Required inspections. The *code official*, ~~or~~ his or her designated agent, or approved agency, upon notification, shall make the inspections set forth in Sections C104.2.1 through C104.2.6.

C104.2.1 Footing and foundation ~~inspection.~~ insulation Inspections ~~associated with footings and foundations~~ shall verify ~~compliance with~~ the ~~code as to *R* value~~ footing and/or foundation insulation R-value, location, thickness, depth of burial and protection of insulation as required by the code ~~and *approved*~~, approved plans and specifications.

C104.2.2 ~~Framing and rough-in inspection.~~ Thermal envelope Inspections ~~at framing and rough-in shall be made before application of interior finish and~~ shall verify ~~compliance with~~ the ~~code as to types~~ correct type of insulation ~~and corresponding *R*~~, the R-values ~~and their~~ , the correct location ~~and proper installation;~~ of insulation, the correct fenestration ~~properties (*U*-factor~~ , the U-factor, SHGC ~~and~~ , VT~~) and proper installation;~~ , and air leakage controls are properly installed as required by the code ~~and~~ , approved plans and specifications.

C104.2.3 Plumbing ~~rough-in inspection.~~ system Inspections ~~at plumbing rough-in~~ shall verify ~~compliance~~ the type of insulation, the R-values, the protection required, controls, and heat traps as required by the code ~~and *approved*~~, approved plans and specifications ~~as to types of insulation and corresponding *R* values and protection; required controls; and required heat traps~~.

C104.2.4 Mechanical ~~rough-in inspection.~~ system Inspections ~~at mechanical rough-in~~ shall verify ~~compliance~~ the installed HVAC equipment for the correct type and size, controls, insulation R-values, system and damper air leakage, minimum fan efficiency, energy recovery and economizer as required by the code ~~and *approved*~~, approved plans and specifications ~~as to installed HVAC equipment type and size; required controls, system insulation and corresponding *R* value; system and damper air leakage; and required energy recovery and economizers~~.

C104.2.5 Electrical ~~rough-in inspection~~ system. Inspections ~~at electrical rough-in~~ shall verify ~~compliance~~ lighting systems controls, components, and meters as required by the code ~~and *approved*~~, approved plans and specifications ~~as to installed lighting systems, components and controls; and installation of an electric meter for each dwelling unit~~.

C104.2.6 Final inspection. ~~The building shall have a final inspection and shall not be occupied until *approved*.~~ The final inspection shall include verification of the installation and proper operation of all required building controls, and documentation verifying activities associated with required *building commissioning* have been conducted ~~and findings of noncompliance corrected. Buildings, or portions thereof, shall not be considered for a final inspection until the *code official* has received a letter of transmittal from the building owner acknowledging that the building owner has received the Preliminary Commissioning Report as required~~ in accordance with Section ~~C408.2.4~~ C408.

Part II

2015 International Energy Conservation Code

SECTION R104 INSPECTIONS

Revise as follows:

R104.1 General. Construction or work for which a permit is required shall be subject to inspection by the ~~code official or~~ *code official,* his or her designated agent, or approved agency, and such construction or work shall remain

accessible and exposed for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall be valid. It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. Neither the *code official* nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material, product, system or building component required to allow inspection to validate compliance with this code.

R104.2 Required inspections. The *code official* or his or her designated agent, or approved agency, upon notification, shall make the inspections set forth in Sections R104.2.1 through R104.2.5.

R104.2.1 Footing and foundation ~~inspection~~ insulation. Inspections ~~associated with footings and foundations~~ shall verify ~~compliance with~~ the ~~code as to *R* value~~ footing and/or foundation insulation R-value, location, thickness, depth of burial and protection of insulation as required by the code ~~and *approved*~~, approved plans and specifications.

R104.2.2 ~~Framing and rough-in inspection~~ Thermal envelope. Inspections ~~at framing and rough-in shall be made before application of interior finish and~~ shall verify ~~compliance with~~ the ~~code as to types~~ correct type of insulation ~~and corresponding *R*~~, the R-values ~~and their~~ , the correct location ~~and proper installation;~~ of insulation, the correct fenestration ~~properties (*U* factor and~~ , the U-factor, SHGC ~~) and proper installation;~~ , VT, and air leakage controls are properly installed as required by the code ~~and~~ , approved plans and specifications.

R104.2.3 Plumbing ~~rough-in inspection~~ system. Inspections ~~at plumbing rough-in~~ shall verify ~~compliance~~ the type of insulation, the R-values, the protection required, controls, and heat traps as required by the code ~~and *approved*~~, approved plans and specifications ~~as to types of insulation and corresponding *R* values and protection, and required control~~.

R104.2.4 Mechanical ~~rough-in inspection~~ system. Inspections ~~at mechanical rough-in~~ shall verify ~~compliance~~ the installed HVAC equipment for the correct type and size, controls, insulation R-values, system and damper air leakage, minimum fan efficiency, energy recovery and economizer as required by the code ~~and *approved*~~, approved plans and specifications ~~as to installed HVAC equipment type and size, required controls, system insulation and corresponding *R* value, system air leakage control, programmable thermostats, dampers, whole house ventilation, and minimum fan efficiency~~.

Exception: Systems serving multiple dwelling units shall be inspected in accordance with Section C104.2.4.

R104.2.5 Final inspection. ~~The *building* shall have a final inspection and shall not be occupied until *approved*.~~ The final inspection shall include verification of the installation and proper operation of all required ~~*building* systems~~ building controls, ~~equipment~~ and ~~controls and their proper operation and the~~ documentation verifying activities associated with required ~~number of high-efficacy lamps and fixtures~~*building commissioning* have been conducted in accordance with Section C408.

Reason: How this section is currently written it appears that if an inspection is not performed when listed in the order or at the inspection listed below they would not be compliant with the code. Several of those listed inspections required would not normally even been installed or completed at the time that these are being required in these sections.
The inspections that are listed are not inspections that would be required by the IECC. These inspections would be required by the IBC, IMC, IPC, and IRC. The Inspection section titles have been changed to reflect items and requirements that are found in the IECC.

Our Theme: A Code for the End User

Is the code section completely understandable to the end user?

Is the code section or requirement easy to find?

Is the code requirement even doable in the real world?

Will the code requirement really save energy or only on paper?

Cost Impact: Will not increase the cost of construction
This is just rewording an existing section

ADM56-16 : C104.1-MEDINA13009

ADM57-16

Part I:
IECC-CE: C104.1, C104.2, C104.2.1, C104.2.2, C104.2.3, C104.2.4, C104.2.5, C104.2.6
Part II:
IECC-RE: R104.1, R104.2, R104.2.1, R104.2.2, R104.2.3, R104.2.4, R104.2.5

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDERS FOR THESE COMMITTEES.

Proponent : Hope Medina, representing Colorado Chapter of ICC (hmedina@coloradocode.net)

Part I

2015 International Energy Conservation Code

Revise as follows:

SECTION C104 INSPECTIONS

C104.1 General. Construction or work for which a permit is required shall be subject to inspection by the *code official* or his or her designated agent, or approved agency, and such construction or work shall remain accessible and exposed for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall be valid. It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. Neither the *code official* nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material, product, system or building component required to allow inspection to validate compliance with this code.

C104.2 ~~Required~~ Energy inspections. ~~The *code official* or~~
Requirements of this code shall pass inspection prior to issuance of a certificate of occupancy for the building. Inspections shall be performed by the code official, his or her designated agent~~, upon notification, shall make the inspections set forth in Sections C104.2.1 through C104.2.6~~ or approved agency.

Delete without substitution:

~~**C104.2.1 Footing and foundation inspection.** Inspections associated with footings and foundations shall verify compliance with the code as to *R* value, location, thickness, depth of burial and protection of insulation as required by the code and *approved* plans and specifications.~~

~~**C104.2.2 Framing and rough-in inspection.** Inspections at framing and rough in shall be made before application of interior finish and shall verify compliance with the code as to types of insulation and corresponding *R* values and their correct location and proper installation; fenestration properties (*U* factor, SHGC and VT) and proper installation; and air leakage controls as required by the code and approved plans and specifications.~~

~~**C104.2.3 Plumbing rough-in inspection.** Inspections at plumbing rough in shall verify compliance as required by the code and *approved* plans and specifications as to types of insulation and corresponding *R* values and protection; required controls; and required heat traps.~~

~~**C104.2.4 Mechanical rough-in inspection.** Inspections at mechanical rough in shall verify compliance as required by the code and *approved* plans and specifications as to installed HVAC equipment type and size; required controls, system insulation and corresponding *R* value; system and damper air leakage; and required energy recovery and economizers.~~

~~**C104.2.5 Electrical rough-in inspection.** Inspections at electrical rough in shall verify compliance as required by the code and *approved* plans and specifications as to installed lighting systems, components and controls; and installation of an electric meter for each dwelling unit.~~

~~**C104.2.6 Final inspection.** The building shall have a final inspection and shall not be occupied until *approved*. The final inspection shall include verification of the installation and proper operation of all required building controls, and documentation verifying activities associated with required *building commissioning* have been conducted and findings of noncompliance corrected. Buildings, or portions thereof, shall not be considered for a final inspection until the *code official* has received a letter of transmittal from the building owner acknowledging that the building owner has received the Preliminary Commissioning Report as required in Section C408.2.4.~~

Part II

2015 International Energy Conservation Code

SECTION R104 INSPECTIONS

Revise as follows:

R104.1 General. Construction or work for which a permit is required shall be subject to inspection by the ~~code~~

~~official~~*code official* or his or her designated agent, or approved agency, and such construction or work shall remain accessible and exposed for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall be valid. It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. Neither the *code official* nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material, product, system or building component required to allow inspection to validate compliance with this code.

R104.2 Required inspections. ~~The *code official* or~~
Requirements of this code shall pass inspection prior to issuance of a certificate of occupancy for the building. Inspections shall be perforemed by the code official, his or her designated agent~~, upon notification, shall make the inspections set forth in Sections R104.2.1 through R104.2.5~~ or approved agency.

Delete without substitution:

~~**R104.2.1 Footing and foundation inspection.** Inspections associated with footings and foundations shall verify compliance with the code as to *R* value, location, thickness, depth of burial and protection of insulation as required by the code and *approved* plans and specifications.~~

~~**R104.2.2 Framing and rough-in inspection.** Inspections at framing and rough-in shall be made before application of interior finish and shall verify compliance with the code as to types of insulation and corresponding *R* values and their correct location and proper installation; fenestration properties (*U* factor and SHGC) and proper installation; and air leakage controls as required by the code and approved plans and specifications.~~

~~**R104.2.3 Plumbing rough-in inspection.** Inspections at plumbing rough-in shall verify compliance as required by the code and *approved* plans and specifications as to types of insulation and corresponding *R* values and protection, and required control.~~

~~**R104.2.4 Mechanical rough-in inspection.** Inspections at mechanical rough-in shall verify compliance as required by the code and *approved* plans and specifications as to installed HVAC equipment type and size, required controls, system insulation and corresponding *R* value, system air leakage control, programmable thermostats, dampers, whole-house ventilation, and minimum fan efficiency.~~

~~**Exception:** Systems serving multiple dwelling units shall be inspected in accordance with Section C104.2.4.~~

~~**R104.2.5 Final inspection.** The *building* shall have a final inspection and shall not be occupied until *approved*. The final inspection shall include verification of the installation of all required *building* systems, equipment and controls and their proper operation and the required number of high-efficacy lamps and fixtures.~~

Reason: We are requiring for more energy efficient building to be built, but w e have over complicated or require the w rong type of inspection to be performed. This change w ill require for energy inspection to be performed w hen required. This change allow s for the required inspections to be performed, but does not become a laundry list that must be maintained w ith each cycle.

Our Theme: A Code for the End User

Is the code section completely understandable to the end user?

Is the code section or requirement easy to find?

Is the code requirement even doable in the real w orld?

Will the code requirement really save energy or only on paper?

Cost Impact: Will not increase the cost of construction
This is not a new requirement.

ADM57-16 : R104.1-MEDINA13020

ADM58-16

Part I:
IEBC: [A] 104.11; IFC: [A] 104.9; IFGC: [A] 105.2; IMC: [A] 105.2; IPC: [A] 105.2; IPSDC: [A] 105.2; IPMC: [A] 105.2; ISPSC: [A] 104.9; IWUIC: [A] 105.3
Part II:
IECC-CE: 102, C102.1
Part III:
IECC-RE: R102.1
Part IV:
IRC: R104.11

THIS IS A 4 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. PART IV WILL BE HEARD BY THE RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Dru Meadows, theGreenTeam, Inc., representing Walmart (dmeadows@thegreenteaminc.com)

Part I

2015 International Building Code

Revise as follows:

[A] 104.11 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be *approved*where the *building official*finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, *fire resistance*, durability and safety. Where the alternative material, design or method of construction is not *approved*, the *building official*shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Existing Building Code

Revise as follows:

[A] 104.11 Alternative materials, design and methods of construction~~,~~ and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been ~~approved~~*approved*. An alternative material, design~~,~~ or method of construction shall be ~~approved~~ *approved* where the *code official*finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method~~,~~ or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, ~~fire resistance~~*fire resistance*, durability and safety. Where the alternative material, design or method of construction is not ~~approved~~*approved*, the *code official*shall respond in writing, stating the reasons why the alternative was not ~~approved~~*approved*.

2015 International Fire Code

Revise as follows:

[A] 104.9 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. ~~The *fire code official* is authorized to approve an~~ An alternative material, design or method of construction shall be *approved* where the *fire code official*finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, ~~at least~~ not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, *fire resistance*, durability and safety. Where the alternative material, design or method of construction is not ~~approved~~*approved*, the ~~*fire code official*~~*code official* shall respond in writing, stating the reasons why the alternative was not ~~approved~~*approved*.

2015 International Fuel Gas Code

Revise as follows:

[A] 105.2 Alternative materials, design and methods~~, appliances~~ of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be *approved*where the ~~code official~~ *code official* finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in

quality, strength, effectiveness, ~~fire resistance~~*fire resistance*, durability and safety. Where the alternative material, design or method of construction is not *approved*, the *code official*shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Mechanical Code

Revise as follows:

[A] 105.2 Alternative materials, ~~methods, equipment~~ design and ~~appliances~~ methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be *approved*where the ~~code official~~ *code official* finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, ~~fire resistance~~*fire resistance*, durability and safety. Where the alternative material, design or method of construction is not ~~approved~~*approved*, the *code official*shall respond in writing, stating the reasons why the alternative was not ~~approved~~*approved*.

2015 International Plumbing Code

Revise as follows:

[A] 105.2 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*~~.~~. An alternative material, design or method of construction shall be *approved*where the ~~code official~~ *code official* finds that the proposed ~~alternative material, method or equipment~~ design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, *fire resistance*, durability and safety. Where the alternative material, design or method of construction is not *approved*, the ~~code official~~ *code official* shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Private Sewage Disposal Code

Revise as follows:

[A] 105.2 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been ~~approved~~*approved*. An alternative material, design or method of construction shall be ~~approved~~ *approved* where the ~~code official~~ *code official* finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, ~~fire resistance~~*fire resistance*, durability and safety. Where the alternative material, design or method of construction is not ~~approved~~*approved*, the ~~code official~~ *code official* shall respond in writing, stating the reasons why the alternative was not ~~approved~~*approved*.

2015 International Property Maintenance Code

Revise as follows:

[A] 105.2 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be *approved*where the *code official*finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, ~~at least~~ not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, ~~fire resistance~~*fire resistance*, durability and safety. Where the alternative material, design or method of construction is not *approved*, the *code official*shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Swimming Pool and Spa Code

Revise as follows:

[A] 104.9 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be *approved*where the ~~code official~~ *code official* finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, *fire resistance*, durability and safety. Where the alternative material, design or method of construction is not *approved*, the *code official* shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Wildland-Urban Interface Code

Revise as follows:

[A] 105.3 Alternative materials~~ or~~ , design and methods. The provisions of this code ~~official, in concurrence with approval from~~ are not intended to prevent the ~~*building official* and fire chief, is authorized~~ installation of any material or to ~~approve alternative materials~~ prohibit any design or ~~methods~~ method not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method shall be *approved* where the ~~code official~~ *building official* in concurrence with the fire chief finds that the proposed design~~, use or operation satisfactorily~~ is satisfactory and complies with the intent of the provisions of this code, and that the ~~alternative~~ material, method or work offered is, for the purpose intended, ~~at least~~ not less than the equivalent ~~to the level~~ of that prescribed in this code in quality, strength, effectiveness, ~~fire resistance~~*fire resistance*, durability and safety~~ prescribed by this code. Approvals under the authority herein contained shall be subject to the approval of the *building official* where the alternate material or method involves matters regulated by the *International Building Code*.~~

~~The code official shall require that sufficient evidence or proof be submitted to substantiate any claims made regarding the use of alternative materials or methods. The details of any action granting approval of an alternative shall be recorded and entered in the files of the code enforcement agency~~. Where the alternative material, design or method ~~of construction~~ is not ~~approved~~*approved*, the ~~*code*~~ *building official* shall respond in writing, stating the reasons why the alternative was not ~~approved~~*approved*.

Part II

2015 International Energy Conservation Code

Revise as follows:

SECTION C102 ~~ALTERNATE~~ ALTERNATIVE MATERIALS~~—METHOD~~ , DESIGN AND METHODS OF CONSTRUCTION~~, DESIGN OR INSULATING SYSTEMS~~ AND EQUIPMENT

C102.1 General. ~~This~~
The provisions of this code ~~is~~ are not intended to prevent the ~~use~~ installation of any material~~,~~ or to prohibit any design or method of construction~~, design or insulating system~~ not specifically prescribed ~~herein~~ by this code, provided that any such ~~construction~~ alternative has been *approved*. An alternative material, design or ~~insulating system has been~~ method of construction shall be*approved* ~~by~~ where the *code official* ~~as meeting~~ finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, *fire resistance*, durability and safety. Where the alternative material, design or method of construction is not *approved*, the *code official* shall respond in writing, stating the reasons why the alternative was not *approved*.

Part III

2015 International Energy Conservation Code

Revise as follows:

SECTION R102 ALTERNATIVE MATERIALS, DESIGN AND METHODS OF CONSTRUCTION AND EQUIPMENT

R102.1 General. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been ~~approved~~*approved*. ~~The code official shall be permitted to approve an~~ An alternative material, design or method of construction shall be *approved* where the *code official* finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, ~~at least~~ not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, *fire resistance*, durability and safety. Where the alternative material, design or method of construction is not *approved*, the *code official* shall respond in writing, stating the reasons why the alternative was not *approved*.

Part IV

2015 International Residential Code

Revise as follows:

R104.11 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be *approved* where the *building official* finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, *fire resistance*, durability and safety. Compliance with the specific ~~performance-based~~ performance based provisions of the International Codes shall be an alternative to the specific requirements of this code. Where the alternative material, design or method of construction is not *approved*, the *building official* shall respond in writing, stating the reasons why the alternative was not *approved*.

Reason: This proposal provides some minor revisions to improve consistency between the model codes. There are no changes proposed to IBC. The section was included so that it is clear where the proposed language comes from.

Cost Impact: Will not increase the cost of construction
The proposed language does not include any new requirements, so there are no new costs.

ADM58-16 : [A] 105.2-MEADOWS11850

ADM59-16

Part I:
IBC: [A] 104.11; IEBC: [A] 104.11; IFC: [A] 104.9; IFGC: [A] 105.2; IMC: [A] 105.2; IPC: [A] 105.2; IPSDC: [A] 105.2; IPMC: [A] 105.2; ISPSC: [A] 104.9; IWUIC: [A] 105.3
Part II:
IECC-CE: C102, C102.1
Part III:
IECC-RE: R102, R102.1
Part IV:
IRC: R104.11

THIS IS A 4 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. PART IV WILL BE HEARD BY THE RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Dru Meadows, theGreenTeam, Inc., representing Walmart (dmeadows@thegreenteaminc.com)

Part I

2015 International Building Code

Revise as follows:

[A] 104.11 Alternative materials, design, innovative approaches, and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design, innovative approach or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design, innovative approach or method of construction shall be *approved*where the *building official*finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, *fire resistance*, durability and safety. Where the alternative material, design, innovative approach or method of construction is not *approved*, the *building official*shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Existing Building Code

Revise as follows:

[A] 104.11 Alternative materials, design, innovative approaches and methods of construction, and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design, innovative approach or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material, design, innovative approach or method of construction shall be approved where the *code official*finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method, or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Where the alternative material, design, innovative approach or method of construction is not approved, the *code official*shall respond in writing, stating the reasons the alternative was not approved.

2015 International Fire Code

Revise as follows:

[A] 104.9 Alternative materials, innovative approaches and methods. The provisions of this code are not intended to prevent the installation of any material or to prohibit any innovative approach or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. The ~~*fire code official*~~fire code official is authorized to approve an alternative material, innovative approach or method of construction where the ~~*fire code official*~~fire code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code in quality, strength, effectiveness, ~~*fire resistance*~~fire resistance, durability and safety. Where the alternative material, design, innovative approach or method of construction is not ~~approved~~*approved*, the *fire code official*shall respond in writing, stating the reasons why the alternative was not ~~approved~~*approved*.

2015 International Fuel Gas Code

Revise as follows:

[A] 105.2 Alternative materials, innovative approaches, methods, appliances and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any innovative approach or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, innovative approach or method of construction shall be *approved*where the code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material,

method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Where the alternative material, design, innovative approach or method of construction is not *approved*, the *code official*shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Mechanical Code

Revise as follows:

[A] 105.2 Alternative materials, methods, innovative approaches, equipment and appliances. The provisions of this code are not intended to prevent the installation of any material or to prohibit any innovative approach or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, innovative approach or method of construction shall be *approved*where the code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Where the alternative material, design, innovative approach or method of construction is not approved, the *code official*shall respond in writing, stating the reasons the alternative was not approved.

2015 International Plumbing Code

Revise as follows:

[A] 105.2 Alternative materials, methods, innovative approaches and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any innovative approach or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved.*An alternative material or method of construction shall be *approved*where the code official finds that the proposed alternative material, innovative approach, method or equipment complies with the intent of the provisions of this code and is not less than the equivalent of that prescribed in this code. Where the alternative material, design, innovative approach or method of construction is not *approved*, the code official shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Private Sewage Disposal Code

Revise as follows:

[A] 105.2 Alternative materials, methods, innovative approaches and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any innovative approach or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material, innovative approach or method of construction shall be approved where the code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Where the alternative material, design, innovative approach or method of construction is not approved, the code official shall respond in writing, stating the reasons why the alternative was not approved.

2015 International Property Maintenance Code

Revise as follows:

[A] 105.2 Alternative materials, methods, innovative approaches and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any innovative approach or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, innovative approach or method of construction shall be *approved*where the *code official*finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Where the alternative material, design, innovative approach or method of construction is not *approved*, the *code official*shall respond in writing, stating the reasons the alternative was not *approved*.

2015 International Swimming Pool and Spa Code

Revise as follows:

[A] 104.9 Alternative materials, methods, innovative approaches and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any innovative approach or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, innovative approach or method of construction shall be *approved*where the code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, durability and safety.

2015 International Wildland-Urban Interface Code

Revise as follows:

[A] 105.3 Alternative materials, innovative approaches or methods. The code official, in concurrence with approval from the *building official*and fire chief, is authorized to approve alternative materials, innovative approaches or methods, provided that the code official finds that the proposed design, use or operation satisfactorily complies with the intent of this code and that the alternative is, for the purpose intended, at least equivalent to the level of quality, strength, effectiveness, fire resistance, durability and safety prescribed by this code. Approvals under the authority herein contained shall be subject to the approval of the *building official*where the alternate material or method involves matters regulated by the *International Building Code*.

The code official shall require that sufficient evidence or proof be submitted to substantiate any claims made regarding the use of alternative materials or methods. The details of any action granting approval of an alternative shall be recorded and entered in the files of the code enforcement agency. Where the alternative material, design, innovative approach or method of construction is not approved, the *code official*shall respond in writing, stating the reasons the alternative was not approved.

Part II

2015 International Energy Conservation Code

Revise as follows:

SECTION C102 ALTERNATE MATERIALS—METHOD OF CONSTRUCTION, DESIGN, INNOVATIVE APPROACH OR INSULATING SYSTEMS

C102.1 General. This code is not intended to prevent the use of any material, method of construction, design, innovative approach or insulating system not specifically prescribed herein, provided that such construction, design, innovative approach or insulating system has been *approved* by the *code official* as meeting the intent of this code.

Part III

2015 International Energy Conservation Code

Revise as follows:

SECTION R102 ALTERNATIVE MATERIALS, DESIGN, INNOVATIVE APPROACHES AND METHODS OF CONSTRUCTION AND EQUIPMENT

R102.1 General. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design, innovative approach or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. The code official shall be permitted to approve an alternative material, design, innovative approach or method of construction where the *code official* finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code.

Part IV

2015 International Residential Code

Revise as follows:

R104.11 Alternative materials, design, innovative approaches and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design, innovative approach or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design, innovative approach or method of construction shall be *approved* where the *building official* finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code. Compliance with the specific performance-based provisions of the International Codes shall be an alternative to the specific requirements of this code. Where the alternative material, design, innovative approach or method of construction is not *approved*, the *building official* shall respond in writing, stating the reasons why the alternative was not *approved*.

Reason: The option to use approved alternatives is in each of the codes. It recognizes that a project may have a unique situation that requires a unique solution.
During the development of the IgCC, this administrative language was modified to include "innovative approaches" signaling that the building industry was open to new, creative green approaches.

Adding this language to the other model codes will help encourage innovation (green or otherwise). It clarifies that "alternative" includes new, creative approaches. It promotes the underlying evolution of science and technology upon which the building industry relies.

Bibliography: International Green Construction Code (IgCC) 2015
Chapter 1, Scope and Administration

A105.4, Innovative approaches and alternative materials, design, and methods of construction and equipment

Cost Impact: Will not increase the cost of construction
The proposed language does not include any new requirements, so there are no new costs.
Any expense associated with additional approvals and/or alternative means/methods is already included in the existing language.

ADM59-16 : [A] 104.11-MEADOWS11676

ADM60-16

Part I:
IBC: [A] 104.11; IEBC: [A] 104.11; IFC [A] 104.9; IFGC: [A] 105.2; IMC: [A] 105.2; IPC: [A] 105.2; IPSDC [A] 105.2; IPMC: [A] 105.2; ISPSC: [A] 104.9; IWUIC: [A] 105.3
Part II:
IECC-CE: C102.1
Part III:
IECC-RE: R102.1
Part IV:
IRC: R104.11

THIS IS A 4 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. PART IV WILL BE HEARD BY THE RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Rebecca Baker, representing Jefferson County CO, Colorado Chapter ICC (bbaker@co.jefferson.co.us)

Part I

2015 International Building Code

Revise as follows:

[A] 104.11 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be ~~*approved* where~~ reviewed by the *building official*~~finds~~ . To be *approved,* the *building official* shall find that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, *fire resistance*, durability and safety. Where the alternative material, design or method of construction is not *approved*, the *building official*shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Existing Building Code

Revise as follows:

[A] 104.11 Alternative materials, design and methods of construction, and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been ~~approved~~*approved*. An alternative material, design, or method of construction shall be ~~approved where~~ reviewed by the *code official*.~~finds~~ To be *approved*, the *code official* shall find that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method, or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Where the alternative material, design or method of construction is not approved, the *code official*shall respond in writing, stating the reasons the alternative was not approved.

2015 International Fire Code

Revise as follows:

[A] 104.9 Alternative materials and methods. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. ~~The *fire code official* is authorized to approve an~~ An alternative material, design, or method of construction ~~where~~ shall be reviewed by the *fire code official*. ~~finds~~ To be *approved*, the *fire code official* shall find that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method, or work offered is, for the purpose intended, ~~at least~~ not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, ~~*fire resistance*~~fire resistance, durability and safety. Where the alternative material, design or method of construction is not approved, the *fire code official* shall respond in writing, stating the reasons why the alternative was not approved.

2015 International Fuel Gas Code

Revise as follows:

[A] 105.2 Alternative materials, methods, appliances and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design, or method of construction shall be ~~*approved* where~~ reviewed by the ~~code official finds~~*code official.* To be *approved*, the *code official* shall find that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that

the material, method, or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Where the alternative material, design or method of construction is not *approved*, the *code official*shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Mechanical Code

Revise as follows:

[A] 105.2 Alternative materials, methods, equipment and appliances. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design, or method of construction shall be ~~*approved* where~~ reviewed by the ~~code official finds~~*code official.* To be *approved*, the *code official* shall find that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method, or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Where the alternative material, design or method of construction is not approved, the *code official*shall respond in writing, stating the reasons the alternative was not approved.

2015 International Plumbing Code

Revise as follows:

[A] 105.2 Alternative materials, methods and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved.*An alternative material, design, or method of construction shall be ~~*approved* where~~ reviewed by the code official~~ finds~~ . To be *approved,* the*code official* shall find that the proposed ~~alternative material, method or equipment~~ design is satisfactory and complies with the intent of the provisions of this code, and that the material, method, or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code~~.~~ in quality, strength, effectiveness, fire resistance, durability and safety. Where the alternative material, design or method of construction is not *approved*, the code official shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Private Sewage Disposal Code

Revise as follows:

[A] 105.2 Alternative materials, methods and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material, design, or method of construction shall be ~~approved where~~ reviewed by the ~~code official finds~~*code official.* To be *approved*, the *code official* shall find that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method, or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Where the alternative material, design or method of construction is not approved, the code official shall respond in writing, stating the reasons why the alternative was not approved.

2015 International Property Maintenance Code

Revise as follows:

[A] 105.2 Alternative materials, methods and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design, or method of construction shall be ~~*approved* where~~ reviewed by the *code official.*~~finds~~ To be *approved*, the *code official* shall find that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method, or work offered is, for the purpose intended, ~~at least~~ not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Where the alternative material, design or method of construction is not *approved*, the *code official*shall respond in writing, stating the reasons the alternative was not *approved*.

2015 International Swimming Pool and Spa Code

Revise as follows:

[A] 104.9 Alternative materials, methods and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design, or method of construction shall be ~~*approved* where~~ reviewed by the ~~code official finds~~*code official.* To be *approved*, the *code official* shall find that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method, or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, durability and safety.

2015 International Wildland-Urban Interface Code

Revise as follows:

[A] 105.3 Alternative materials or methods. The code official, in concurrence with approval from the *building official*and fire chief, is authorized to ~~approve~~*approve* alternative materials or methods. To be *approved*,~~ provided that~~ the ~~code official finds~~*code official* shall find that the proposed design~~, use or operation satisfactorily~~ is satisfactory and complies with the intent of the provisions of this code, and that the ~~alternative~~ material, method, or work offered is, for the purpose intended, ~~at least~~ not less than the equivalent ~~to the level~~ of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety~~ prescribed by this code~~. Approvals under the authority herein contained shall be subject to the ~~approval~~*approval* of the *building official*where the alternate material or method involves matters regulated by the *International Building Code*.

The code official shall require that sufficient evidence or proof be submitted to substantiate any claims made regarding the use of alternative materials or methods. The details of any action granting approval of an alternative shall be recorded and entered in the files of the code enforcement agency. Where the alternative material, design or method of construction is not approved, the *code official*shall respond in writing, stating the reasons the alternative was not approved.

Part II

2015 International Energy Conservation Code

Revise as follows:

C102.1 General. This code is not intended to prevent the use of any material, method of construction, design or insulating system not specifically prescribed herein, provided that such construction, design or insulating system has been ~~*approved*~~reviewed by the *code official* and ~~*code official*~~ *approved* as meeting the intent of this code.

Part III

2015 International Energy Conservation Code

Revise as follows:

R102.1 General. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been approved.~~ The code official shall be permitted to approve an~~ An alternative material, design, or method of construction ~~where~~ shall be reviewed by the *code official*.~~ finds~~ To be *approved*, the *code official* shall find that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method, or work offered is, for the purpose intended, ~~at least~~ not less than the equivalent of that prescribed in this code.

Part IV

2015 International Residential Code

Revise as follows:

R104.11 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design, or method of construction shall be ~~*approved* where~~ reviewed by the *building official*.~~ finds~~ To be *approved*, the *building official* shall find that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method, or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Compliance with the specific performance-based provisions of the International Codes shall be an alternative to the specific requirements of this code. Where the alternative material, design or method of construction is not *approved*, the *building official* shall respond in writing, stating the reasons why the alternative was not *approved*.

Reason: The suggested revision clarifies what the current language implies - that alternates to the code must be reviewed and in order to be approved the code official must determine equivalence.

Cost Impact: Will not increase the cost of construction
The proposed language does not change the requirement, it clarifies the intent of the current language.

ADM60-16 : [A] 104.11-BAKER12506

ADM61-16

Part I:
IBC: [A] 104.11; IEBC: [A] 104.11; IFGC: [A] 105.2; IMC: [A] 105.2; IPC [A] 105.2; IPSDC: [A] 105.2; IPMC: [A] 105.2; ISPSC: [A] 104.9; IWUIC:[A] 105.3
Part II:
IECC-CE: C102, C102.1
Part III:
IECC-RE: R102.1
Part IV:
IRC: R104.11

THIS IS A 4 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. PART IV WILL BE HEARD BY THE RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Joseph Holland, Hoover Treated Wood Products (jholland@frtw.com); David Bueche, representing Hoover Treated Wood Products (dbueche@frtw.com)

Part I

2015 International Building Code

Revise as follows:

[A] 104.11 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be *approved*where the *building official*finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, *fire resistance*, durability and safety. Any such approval shall not have the effect of waiving any requirement in this code. Where the alternative material, design or method of construction is not *approved*, the *building official*shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Existing Building Code

Revise as follows:

[A] 104.11 Alternative materials, design and methods of construction, and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material, design, or method of construction shall be approved where the *code official*finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method, or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Any such approval shall not have the effect of waiving any requirement in this code. Where the alternative material, design or method of construction is not approved, the *code official*shall respond in writing, stating the reasons the alternative was not approved.

2015 International Fuel Gas Code

Revise as follows:

[A] 105.2 Alternative materials, methods, appliances and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material or method of construction shall be *approved*where the code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Any such approval shall not have the effect of waiving any requirement in this code. Where the alternative material, design or method of construction is not *approved*, the *code official*shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Mechanical Code

Revise as follows:

[A] 105.2 Alternative materials, methods, equipment and appliances. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed

by this code, provided that any such alternative has been *approved*. An alternative material or method of construction shall be *approved*where the code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Any such approval shall not have the effect of waiving any requirement in this code. Where the alternative material, design or method of construction is not approved, the *code official*shall respond in writing, stating the reasons the alternative was not approved.

2015 International Plumbing Code

Revise as follows:

[A] 105.2 Alternative materials, methods and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved.*An alternative material or method of construction shall be *approved*where the code official finds that the proposed alternative material, method or equipment complies with the intent of the provisions of this code and is not less than the equivalent of that prescribed in this code. Any such approval shall not have the effect of waiving any requirement in this code. Where the alternative material, design or method of construction is not *approved*, the code official shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Private Sewage Disposal Code

Revise as follows:

[A] 105.2 Alternative materials, methods and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material or method of construction shall be approved where the code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Any such approval shall not have the effect of waiving any requirement in this code. Where the alternative material, design or method of construction is not approved, the code official shall respond in writing, stating the reasons why the alternative was not approved.

2015 International Property Maintenance Code

Revise as follows:

[A] 105.2 Alternative materials, methods and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material or method of construction shall be *approved*where the *code official*finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. Any such approval shall not have the effect of waiving any requirement in this code. Where the alternative material, design or method of construction is not *approved*, the *code official*shall respond in writing, stating the reasons the alternative was not *approved*.

2015 International Swimming Pool and Spa Code

Revise as follows:

[A] 104.9 Alternative materials, methods and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material or method of construction shall be *approved*where the code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, durability and safety. Any such approval shall not have the effect of waiving any requirement in this code.

2015 International Wildland-Urban Interface Code

[A] 105.3 Alternative materials or methods. The code official, in concurrence with approval from the *building official*and fire chief, is authorized to approve alternative materials or methods, provided that the code official finds that the proposed design, use or operation satisfactorily complies with the intent of this code and that the alternative is, for the purpose intended, at least equivalent to the level of quality, strength, effectiveness, fire resistance, durability and safety prescribed by this code. Approvals under the authority herein contained shall be subject to the approval of the *building official*where the alternate material or method involves matters regulated by the *International Building Code*.

The code official shall require that sufficient evidence or proof be submitted to substantiate any claims made regarding the use of alternative materials or methods. The details of any action granting approval of an alternative shall

be recorded and entered in the files of the code enforcement agency. Any such approval shall not have the effect of waiving any requirement in this code. Where the alternative material, design or method of construction is not approved, the *code official*shall respond in writing, stating the reasons the alternative was not approved.

Part II

2015 International Energy Conservation Code

Revise as follows:

SECTION C102 ~~ALTERNATE~~ ALTERNATIVE MATERIALS~~—METHOD~~ , DESIGN AND METHODS OF CONSTRUCTION~~, DESIGN OR INSULATING SYSTEMS~~ AND EQUIPMENT

C102.1 General. This code is not intended to prevent the use of any material, method of construction, design or insulating system not specifically prescribed herein, provided that such construction, design or insulating system has been *approved* by the *code official* as meeting the intent of this code. Any such approval shall not have the effect of waiving any requirement in this code.

Part III

2015 International Energy Conservation Code

Revise as follows:

SECTION R102 ALTERNATIVE MATERIALS, DESIGN AND METHODS OF CONSTRUCTION AND EQUIPMENT

R102.1 General. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. The code official shall be permitted to approve an alternative material, design or method of construction where the *code official* finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code. Any such approval shall not have the effect of waiving any requirement in this code.

Part IV

2015 International Residential Code

Revise as follows:

R104.11 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be *approved* where the *building official* finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code. Compliance with the specific performance-based provisions of the International Codes shall be an alternative to the specific requirements of this code. Any such approval shall not have the effect of waiving any requirement in this code. Where the alternative material, design or method of construction is not *approved*, the *building official* shall respond in writing, stating the reasons why the alternative was not *approved*.

Reason: The change is needed to clarify the intent of the section and w ill assist the code official in determining compliance w ith the code. This language is found in Section 113, Board of Appeals, 113.2, "The board shall not have authority to w aive requirements of this code". It is also found in the *International Building Code* Commentary to 104.11, "Any such approval cannot have the effect of w aiving any requirements of the code."

Cost Impact: Will not increase the cost of construction
The code and code commentary already state as much. It is only clarification.

ADM61-16 : [A] 104.11-HOLLAND11744

ADM62-16

Part I:
IBC: [A] 104.11; IEBC: [A] 104.11; IFC: [A] 104.9; IFGC: [A] 105.2; IMC: [A] 105.2; IPC: [A] 105.2; IPSDC: [A] 105.2; IPMC: [A] 105.2; ISPSC: [A] 104.9; IWUIC: [A] 105.3
Part II:
IECC-CE: C102.1
Part III:
IECC-RE: R102.1
Part IV:
IRC: R104.11

THIS IS A 4 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. PART IV WILL BE HEARD BY THE RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Dru Meadows, theGreenTeam, Inc., representing Walmart (dmeadows@thegreenteaminc.com)

Part I

2015 International Building Code

Revise as follows:

[A] 104.11 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be *approved*where the *building official*finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, *fire resistance*, durability and safety. The details of granting the use of alternative materials, designs, and methods of construction shall be recorded and entered into the files of the department. Where the alternative material, design or method of construction is not *approved*, the *building official*shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Existing Building Code

Revise as follows:

[A] 104.11 Alternative materials, design and methods of construction, and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material, design, or method of construction shall be approved where the *code official*finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method, or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. The details of granting the use of alternative materials, designs, and methods of construction shall be recorded and entered into the files of the department. Where the alternative material, design or method of construction is not approved, the *code official*shall respond in writing, stating the reasons the alternative was not approved.

2015 International Fire Code

Revise as follows:

[A] 104.9 Alternative materials and methods. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. The *fire code official* is authorized to approve an alternative material or method of construction where the *fire code official* finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code in quality, strength, effectiveness, *fire resistance*, durability and safety. The details of granting the use of alternative materials, designs, and methods of construction shall be recorded and entered into the files of the department. Where the alternative material, design or method of construction is not approved, the *fire code official* shall respond in writing, stating the reasons why the alternative was not approved.

2015 International Fuel Gas Code

Revise as follows:

[A] 105.2 Alternative materials, methods, appliances and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material or method of construction

shall be *approved*where the code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. The details of granting the use of alternative materials, designs, and methods of construction shall be recorded and entered into the files of the department. Where the alternative material, design or method of construction is not *approved*, the *code official*shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Mechanical Code

Revise as follows:

[A] 105.2 Alternative materials, methods, equipment and appliances. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material or method of construction shall be *approved*where the code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. The details of granting the use of alternative materials, designs, and methods of construction shall be recorded and entered into the files of the department. Where the alternative material, design or method of construction is not approved, the *code official*shall respond in writing, stating the reasons the alternative was not approved.

2015 International Plumbing Code

Revise as follows:

[A] 105.2 Alternative materials, methods and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved.*An alternative material or method of construction shall be *approved*where the code official finds that the proposed alternative material, method or equipment complies with the intent of the provisions of this code and is not less than the equivalent of that prescribed in this code. The details of granting the use of alternative materials, designs, and methods of construction shall be recorded and entered into the files of the department. Where the alternative material, design or method of construction is not *approved*, the code official shall respond in writing, stating the reasons why the alternative was not *approved*.

2015 International Private Sewage Disposal Code

Revise as follows:

[A] 105.2 Alternative materials, methods and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material or method of construction shall be approved where the code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. The details of granting the use of alternative materials, designs, and methods of construction shall be recorded and entered into the files of the department. Where the alternative material, design or method of construction is not approved, the code official shall respond in writing, stating the reasons why the alternative was not approved.

2015 International Property Maintenance Code

Revise as follows:

[A] 105.2 Alternative materials, methods and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material or method of construction shall be *approved*where the *code official*finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety. The details of granting the use of alternative materials, designs, and methods of construction shall be recorded and entered into the files of the department. Where the alternative material, design or method of construction is not *approved*, the *code official*shall respond in writing, stating the reasons the alternative was not *approved*.

2015 International Swimming Pool and Spa Code

Revise as follows:

[A] 104.9 Alternative materials, methods and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material or method of construction shall be *approved*where the code official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code in quality, strength, effectiveness, durability and safety. The details of granting

the use of alternative materials, designs, and methods of construction shall be recorded and entered into the files of the department.

2015 International Wildland-Urban Interface Code

Revise as follows:

[A] 105.3 Alternative materials or methods. The code official, in concurrence with approval from the *building official*and fire chief, is authorized to approve alternative materials or methods, provided that the code official finds that the proposed design, use or operation satisfactorily complies with the intent of this code and that the alternative is, for the purpose intended, at least equivalent to the level of quality, strength, effectiveness, fire resistance, durability and safety prescribed by this code. Approvals under the authority herein contained shall be subject to the approval of the *building official*where the alternate material or method involves matters regulated by the *International Building Code*.

The code official shall require that sufficient evidence or proof be submitted to substantiate any claims made regarding the use of alternative materials or methods. The details of ~~any action~~ granting ~~approval~~ the use of ~~an~~ alternative materials, designs, and methods shall be recorded and entered ~~in~~ into the files of the ~~code enforcement agency~~ department. Where the alternative material, design or method of construction is not approved, the *code official*shall respond in writing, stating the reasons the alternative was not approved.

Part II

2015 International Energy Conservation Code

Revise as follows:

SECTION C102 ALTERNATE MATERIALS—METHOD OF CONSTRUCTION, DESIGN OR INSULATING SYSTEMS

C102.1 General. This code is not intended to prevent the use of any material, method of construction, design or insulating system not specifically prescribed herein, provided that such construction, design or insulating system has been *approved* by the *code official* as meeting the intent of this code. The details of granting the use of alternative materials, designs, and methods of construction shall be recorded and entered into the files of the department.

Part III

2015 International Energy Conservation Code

Revise as follows:

SECTION R102 ALTERNATIVE MATERIALS, DESIGN AND METHODS OF CONSTRUCTION AND EQUIPMENT

R102.1 General. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. The code official shall be permitted to approve an alternative material, design or method of construction where the *code official* finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code. The details of granting the use of alternative materials, designs, and methods of construction shall be recorded and entered into the files of the department.

Part IV

2015 International Residential Code

Revise as follows:

R104.11 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been *approved*. An alternative material, design or method of construction shall be *approved* where the *building official* finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code. Compliance with the specific performance-based provisions of the International Codes shall be an alternative to the specific requirements of this code. The details of granting the use of alternative materials, designs, and methods of construction shall be recorded and entered into the files of the department. Where the alternative material, design or method of construction is not *approved*, the *building official* shall respond in writing, stating the reasons why the alternative was not *approved*.

Reason: Documentation of approved alternatives will assist in review of similar future projects.

Cost Impact: Will not increase the cost of construction
While there may be some additional cost in the documentation for the jurisdiction, there also should be some savings in the review of subsequent, similar projects. So, overall no additional cost.

ADM62-16 : [A] 104.11-MEADOWS11681

ADM63-16

Part I:
IBC: [A] 105.2; IEBC: [A] 105.2; IWUIC: [A] 107.3
Part II:
IRC: R105.2

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Richard Davidson, representing Self

Part I

2015 International Building Code

Revise as follows:

[A] 105.2 Work exempt from permit. Exemptions from *permit*requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. *Permits*shall not be required for the following:
Building:

1. ~~One-story detached~~ Detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area is not greater than 120 square feet (11 m^2).
2. Fences not over 7 feet (2134 mm) high.
3. Oil derricks.
4. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or IIIA liquids.
5. Water tanks supported directly on grade if the capacity is not greater than 5,000 gallons (18 925 L) and the ratio of height to diameter or width is not greater than 2:1.
6. Sidewalks, driveways and ~~driveways~~ any other paved surfaces places directly on the ground, where the surface is not more than 30 inches (762 mm) above adjacent grade, and not over any basement or *story*below and are not part of an *accessible route*.
7. Painting, papering, tiling, carpeting, cabinets, counter tops, gypsum board installation or repair and similar finish work.
8. Temporary motion picture, television and theater stage sets and scenery.
9. Prefabricated *swimming pools*accessory to a Group R-3 occupancy that are less than 24 inches (610 mm) deep, are not greater than 5,000 gallons (18 925 L) and are installed entirely above ground.
10. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.
11. Swings and other playground equipment accessory to detached one- and two-family *dwellings*.
12. Window awnings in Group R-3 and U occupancies, supported by an exterior wall that do not project more than 54 inches (1372 mm) from the *exterior wall*and do not require additional support.
13. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753 mm) in height.
14. Garage doors and garage door operators in Group R-3 and U occupancies.

Electrical:
Repairs and maintenance: Minor repair work, including the replacement of lamps or the connection of *approved*portable electrical equipment to *approved*permanently installed receptacles.
Radio and television transmitting stations: The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for a power supply and the installations of towers and antennas.
Temporary testing systems:A *permit*shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.
Gas:

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

Mechanical:

1. Portable heating appliance.
2. Portable ventilation equipment.
3. Portable cooling unit.
4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.
5. Replacement of any part that does not alter its approval or make it unsafe.
6. Portable evaporative cooler.
7. Self-contained refrigeration system containing 10 pounds (4.54 kg) or less of refrigerant and actuated by motors of 1 horsepower (0.75 kW) or less.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe, provided, however, that if any concealed trap, drain pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a *permit*shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

2015 International Existing Building Code

Revise as follows:

[A] 105.2 Work exempt from permit. Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. Permits shall not be required for the following:
Building:

1. Sidewalks, driveways and ~~driveways~~ any other paved surfaces places directly on the ground, where the surface is not more than 30 inches (762 mm) above adjacent grade, and not over any basement or ~~story~~ *story* below and ~~that~~ are not part of an ~~accessible route~~*accessible route*.
2. Painting, papering, tiling, carpeting, cabinets, counter ~~tops,~~ tops,gypsum board installation or repair and similar finish work.
3. Temporary motion picture, television, and theater stage sets and scenery.
4. Shade cloth structures constructed for nursery or agricultural purposes, and not including service systems.
5. Window awnings supported by an exterior wall of Group R-3 or Group U occupancies.
6. Movable cases, counters, and partitions not over 69 inches (1753 mm) in height.
7. Garage doors and garage door operators in Group R-3 and Group U occupancies.

Electrical:
Repairs and maintenance: Minor *repair*work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.
Radio and television transmitting stations: The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for power supply, the installations of towers, and antennas.
Temporary testing systems:A permit shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.
Gas:

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

Mechanical:

1. Portable heating appliance.
2. Portable ventilation equipment.
3. Portable cooling unit.
4. Steam, hot, or chilled water piping within any heating or cooling equipment regulated by this code.
5. Replacement of any part that does not alter its approval or make it unsafe.
6. Portable evaporative cooler.
7. Self-contained refrigeration system containing 10 pounds (4.54 kg) or less of refrigerant and actuated by motors of 1 horsepower (746 W) or less.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste, or vent pipe; provided, however, that if any concealed trap, drainpipe, water, soil, waste, or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work, and a permit shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves, or fixtures, and the removal and reinstallation of water closets, provided such *repairs*do not involve or require the replacement or rearrangement of valves, pipes, or fixtures.

2015 International Wildland-Urban Interface Code

Revise as follows:

[A] 107.3 Work exempt from permit. Unless otherwise provided in the requirements of the *International Building Code*or *International Fire Code*, a permit shall not be required for the following:

1. ~~One-story detached~~ Detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed 120 _square feet (11.15 m^2) and the structure is located more than 50 feet (15 240 mm) from the nearest adjacent structure.
2. Fences not over 6 feet (1829 mm) high.

Exemption from the permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction.

The code official is authorized to stipulate conditions for permits. Permits shall not be issued where public safety would be at risk, as determined by the code official.

Part II

2015 International Residential Code

Revise as follows:

R105.2 Work exempt from permit. Exemption from *permit* requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this *jurisdiction*. *Permits* shall not be required for the following:

Building:

1. ~~One-*story* detached~~ Detached*accessory structures,* provided that the floor area does not exceed 200 square feet (18.58 m^2).
2. Fences not over 7 feet (2134 mm) high.
3. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge.
4. Water tanks supported directly upon *grade* if the capacity does not exceed 5,000 gallons (18 927 L) and the ratio of height to diameter or width does not exceed 2 to 1.
5. Sidewalks and driveways, and any other paved surfaces directly on the ground.
6. Painting, papering, tiling, carpeting, cabinets, counter tops , gypsum board installation or repair, and similar finish work.
7. Prefabricated swimming pools that are less than 24 inches (610 mm) deep.
8. Swings and other playground equipment.
9. Window awnings supported by an exterior wall that do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.
10. Decks~~ not exceeding 200 square feet (18.58 m^2) in area,~~ _that are not more than 30 inches (762 mm) above *grade* at any point~~, are not attached to a dwelling do not serve the exit door required by Section R311.4~~.
11. Garage doors and garage door operators.

Electrical:

1. *Listed* cord-and-plug connected temporary decorative lighting.
2. Reinstallation of attachment plug receptacles but not the outlets therefor.
3. Replacement of branch circuit overcurrent devices of the required capacity in the same location.
4. Electrical wiring, devices, *appliances,* apparatus or *equipment* operating at less than 25 volts and not capable of supplying more than 50 watts of energy.
5. Minor repair work, including the replacement of lamps or the connection of *approved* portable electrical *equipment* to *approved* permanently installed receptacles.

Gas:

1. Portable heating, cooking or clothes drying *appliances*.
2. Replacement of any minor part that does not alter approval of *equipment* or make such *equipment* unsafe.
3. Portable-fuel-cell *appliances* that are not connected to a fixed piping system and are not interconnected to a power grid.

Mechanical:

1. Portable heating *appliances*.
2. Portable ventilation *appliances*.
3. Portable cooling units.
4. Steam, hot- or chilled-water piping within any heating or cooling *equipment* regulated by this code.
5. Replacement of any minor part that does not alter approval of *equipment* or make such *equipment* unsafe.
6. Portable evaporative coolers.
7. Self-contained refrigeration systems containing 10 pounds (4.54 kg) or less of refrigerant or that are actuated by motors of 1 horsepower (746 W) or less.
8. Portable-fuel-cell *appliances* that are not connected to a fixed piping system and are not interconnected to a power grid.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe; provided, however, that if any concealed trap, drainpipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a*permit* shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

Reason: Exception 1, realistically, two story and taller accessory structures are going to be small due to the 200 square foot limit but often times playhouses will be 2 stories in height although each story may only be 6 feet high. This is almost always controlled by local zoning. If you are going to require a permit for a two story play house, which regulations do you apply - Light and ventilation, means of egress, electrical requirements? You are going to get yourself into a public relations nightmare and you all have seen those reports on the news. No need to go there.
Exception 5, there are paved surfaces other than driveways and sidewalks that are not regulated and should be included in the exception.

Exception 6, gypsum board isn't required so why require a permit if someone installs or repairs it when there is no change in the use of the space such as a garage, or rooms in a basement. There are no required inspections for gypsum board. You don't look at it in a new home, why in an existing home? What are you going to look at? And you will charge how much to do that?

Exception 10, watching the hearings in 2013 I heard the folks from Colorado say unpermitted decks are hazardous because of power lines and fire separation and people are dying. It seems recent changes in state laws have clouded some peoples judgment. Those same issues could occur with the current language. Who is trying to kid who?

Who is going to require a permit for a landing sitting on the ground, regardless of size? Let's be real folks. Regulating this, even for the front entrance, is ridiculous given the height and limited amount of injury potential. The IRC Committee approved a code change to modify this code text in the last session and it was overturned by a handful of zealots. It still needs to be removed. It isn't necessary to regulate what does not need regulation.

Exception 11, last is an exemption from permitting for the installation of garage doors and operators. Garage doors are not required. Where there may be a regional need for permitting, those locales should adopt local amendments to require permits. The rest of the world doesn't have a need for this oversight. When a solution to a door violation is removing the door, you have an unnecessary code requirement.

Likewise with door operators, these are appliances regulated by the Federal Government. You cannot buy an operator that does not meet federal standards. According to the Consumer Product Safety Commission, the incidence of injuries or death from the old operators has been eliminated to the extent that the data is no longer tracked. The current rule is a solution looking for a problem.

Cost Impact: Will not increase the cost of construction
This proposal may reduce construction costs by eliminating permits for certain types of work.

ADM63-16 : R105.2-DAVIDSON10782

ADM64-16

Part I:
IBC: [A] 105.2
Part II:
IRC: R105.2, R404.1.1, R404.4

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Scott Douglas, Douglas Engineering (sdouglasscott@gmail.com)

Part I

2015 International Building Code

Revise as follows:

[A] 105.2 Work exempt from permit. Exemptions from *permit*requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. *Permits*shall not be required for the following:
Building:

1. One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area is not greater than 120 square feet (11 m^2).
2. Fences not over 7 feet (2134 mm) high.
3. Oil derricks.
4. Retaining walls that are not over ~~4 feet~~ 42 inches (~~1219~~ 1066 mm) in height measured from the ~~bottom~~ lower grade at the front of the ~~footing~~ wall to the ~~top~~ higher grade at the back of the wall, unless supporting a surcharge or impounding Class I, II or IIIA liquids.
5. Water tanks supported directly on grade if the capacity is not greater than 5,000 gallons (18 925 L) and the ratio of height to diameter or width is not greater than 2:1.
6. Sidewalks and driveways not more than 30 inches (762 mm) above adjacent grade, and not over any basement or *story*below and are not part of an *accessible route*.
7. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
8. Temporary motion picture, television and theater stage sets and scenery.
9. Prefabricated *swimming pools*accessory to a Group R-3 occupancy that are less than 24 inches (610 mm) deep, are not greater than 5,000 gallons (18 925 L) and are installed entirely above ground.
10. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.
11. Swings and other playground equipment accessory to detached one- and two-family *dwellings*.
12. Window awnings in Group R-3 and U occupancies, supported by an exterior wall that do not project more than 54 inches (1372 mm) from the *exterior wall*and do not require additional support.
13. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753 mm) in height.

Electrical:
Repairs and maintenance: Minor repair work, including the replacement of lamps or the connection of *approved*portable electrical equipment to *approved*permanently installed receptacles.
Radio and television transmitting stations: The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for a power supply and the installations of towers and antennas.
Temporary testing systems:A *permit*shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.
Gas:

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

Mechanical:

1. Portable heating appliance.
2. Portable ventilation equipment.
3. Portable cooling unit.
4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.
5. Replacement of any part that does not alter its approval or make it unsafe.
6. Portable evaporative cooler.
7. Self-contained refrigeration system containing 10 pounds (4.54 kg) or less of refrigerant and actuated by motors of 1 horsepower (0.75 kW) or less.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe, provided, however, that if any concealed trap, drain pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a *permit*shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

Part II

2015 International Residential Code

Revise as follows:

R105.2 Work exempt from permit. Exemption from *permit* requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this *jurisdiction*. *Permits* shall not be required for the following:
Building:

1. One-*story* detached *accessory structures,* provided that the floor area does not exceed 200 square feet (18.58 m^2).
2. Fences not over 7 feet (2134 mm) high.
3. Retaining walls that are not over ~~4 feet~~ 42 inches (~~1219~~ 1066 mm) in height measured from the ~~bottom~~ lower grade at the front of the ~~footing~~ wall to the ~~top~~ higher grade at the back of the wall, unless supporting a surcharge.
4. Water tanks supported directly upon *grade* if the capacity does not exceed 5,000 gallons (18 927 L) and the ratio of height to diameter or width does not exceed 2 to 1.
5. Sidewalks and driveways.
6. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
7. Prefabricated swimming pools that are less than 24 inches (610 mm) deep.
8. Swings and other playground equipment.
9. Window awnings supported by an exterior wall that do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.
10. Decks not exceeding 200 square feet (18.58 m^2) in area, that are not more than 30 inches (762 mm) above *grade* at any point, are not attached to a dwelling do not serve the exit door required by Section R311.4.

Electrical:

1. *Listed* cord-and-plug connected temporary decorative lighting.
2. Reinstallation of attachment plug receptacles but not the outlets therefor.
3. Replacement of branch circuit overcurrent devices of the required capacity in the same location.
4. Electrical wiring, devices, *appliances,* apparatus or *equipment* operating at less than 25 volts and not capable of supplying more than 50 watts of energy.
5. Minor repair work, including the replacement of lamps or the connection of *approved* portable electrical *equipment* to *approved* permanently installed receptacles.

Gas:

1. Portable heating, cooking or clothes drying *appliances*.
2. Replacement of any minor part that does not alter approval of *equipment* or make such *equipment* unsafe.
3. Portable-fuel-cell *appliances* that are not connected to a fixed piping system and are not interconnected to a power grid.

Mechanical:

1. Portable heating *appliances*.
2. Portable ventilation *appliances*.
3. Portable cooling units.
4. Steam, hot- or chilled-water piping within any heating or cooling *equipment* regulated by this code.
5. Replacement of any minor part that does not alter approval of *equipment* or make such *equipment* unsafe.
6. Portable evaporative coolers.
7. Self-contained refrigeration systems containing 10 pounds (4.54 kg) or less of refrigerant or that are actuated by motors of 1 horsepower (746 W) or less.
8. Portable-fuel-cell *appliances* that are not connected to a fixed piping system and are not interconnected to a power grid.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe; provided, however, that if any concealed

trap, drainpipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a*permit* shall be obtained and inspection made as provided in this code.

2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

R404.1.1 Design required. Concrete or masonry foundation walls shall be designed in accordance with accepted engineering practice where either of the following conditions exists:

1. Walls are subject to hydrostatic pressure from ground water.
2. Walls supporting more than ~~48~~ 42 inches (~~1219~~ 1066 mm) of unbalanced ~~backfill~~ fill that do not have permanent lateral support at the top or bottom.

R404.4 Retaining walls. Retaining walls that are not laterally supported at the top and that retain in excess of ~~48~~ 42 inches (~~1219~~ 1066 mm) of unbalanced fill, retaining walls with surcharge loads or retaining walls exceeding 24 inches (610 mm) in height that resist lateral loads in addition to soil, shall be designed in accordance with accepted engineering practice to ensure stability against overturning, sliding, excessive foundation pressure and water uplift. Retaining walls shall be designed for a safety factor of 1.5 against lateral sliding and overturning. This section shall not apply to foundation walls supporting buildings.

Reason: At present the IBC Section 105.2.4 exception permits a higher retaining w all in a non-frost region than one in a region requiring a deeper foundation due to frost depth requirements. This inconsistency from region to region can be alleviated by specifying the maximum w all height to be the difference betw een the low er grade at the front of the w all and the higher grade at the back of the w all. IRC Sections R105.2, R404.1.1 and R404.4 are modified to align w ith the proposed IBC Section 105.2.4 retaining w all exempetion language.

Cost Impact: Will not increase the cost of construction
This clarificatin w ill not increase the cost of construction in non-frost regions and possibly lessen the cost of construction in heavy frost regions.

ADM64-16 : [A] 105.2-DOUGLAS13023

ADM65-16

Part I:
IBC: [A] 105.2
Part II:
IRC: R105.2

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Richard Davidson, representing Self

Part I

2015 International Building Code

Revise as follows:

[A] 105.2 Work exempt from permit. Exemptions from *permit*requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. *Permits*shall not be required for the following:
Building:

1. One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area is not greater than 120 square feet (11 m^2).
2. Fences not over 7 feet (2134 mm) high.
3. Oil derricks.
4. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or IIIA liquids.
5. Water tanks supported directly on grade if the capacity is not greater than 5,000 gallons (18 925 L) and the ratio of height to diameter or width is not greater than 2:1.
6. Sidewalks and driveways not more than 30 inches (762 mm) above adjacent grade, and not over any basement or *story*below and are not part of an *accessible route*.
7. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
8. Temporary motion picture, television and theater stage sets and scenery.
9. ~~Prefabricated *swimming*~~ *Swimming pools*accessory to a Group R-3 occupancy~~ that are less than 24 inches (610 mm) deep, are not greater than 5,000 gallons (18 925 L) and are installed entirely above ground~~.
10. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.
11. Swings and other playground equipment accessory to detached one- and two-family *dwellings*.
12. Window awnings in Group R-3 and U occupancies, supported by an exterior wall that do not project more than 54 inches (1372 mm) from the *exterior wall*and do not require additional support.
13. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753 mm) in height.

Electrical:
Repairs and maintenance: Minor repair work, including the replacement of lamps or the connection of *approved*portable electrical equipment to *approved*permanently installed receptacles.
Radio and television transmitting stations: The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for a power supply and the installations of towers and antennas.
Temporary testing systems:A *permit*shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.
Gas:

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

Mechanical:

1. Portable heating appliance.
2. Portable ventilation equipment.
3. Portable cooling unit.
4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.
5. Replacement of any part that does not alter its approval or make it unsafe.
6. Portable evaporative cooler.
7. Self-contained refrigeration system containing 10 pounds (4.54 kg) or less of refrigerant and actuated by motors of 1 horsepower (0.75 kW) or less.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe, provided, however, that if any concealed trap, drain pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a *permit*shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

Part II

2015 International Residential Code

Revise as follows:

R105.2 Work exempt from permit. Exemption from *permit* requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this *jurisdiction*. *Permits* shall not be required for the following:
Building:

1. One-*story* detached *accessory structures,* provided that the floor area does not exceed 200 square feet (18.58 m^2).
2. Fences not over 7 feet (2134 mm) high.
3. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge.
4. Water tanks supported directly upon *grade* if the capacity does not exceed 5,000 gallons (18 927 L) and the ratio of height to diameter or width does not exceed 2 to 1.
5. Sidewalks and driveways.
6. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
7. ~~Prefabricated swimming~~ Swimming pools~~ that are less than 24 inches (610 mm) deep~~.
8. Swings and other playground equipment.
9. Window awnings supported by an exterior wall that do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.
10. Decks not exceeding 200 square feet (18.58 m^2) in area, that are not more than 30 inches (762 mm) above *grade* at any point, are not attached to a dwelling do not serve the exit door required by Section R311.4.

Electrical:

1. *Listed* cord-and-plug connected temporary decorative lighting.
2. Reinstallation of attachment plug receptacles but not the outlets therefor.
3. Replacement of branch circuit overcurrent devices of the required capacity in the same location.
4. Electrical wiring, devices, *appliances,* apparatus or *equipment* operating at less than 25 volts and not capable of supplying more than 50 watts of energy.
5. Minor repair work, including the replacement of lamps or the connection of *approved* portable electrical *equipment* to *approved* permanently installed receptacles.

Gas:

1. Portable heating, cooking or clothes drying *appliances*.
2. Replacement of any minor part that does not alter approval of *equipment* or make such *equipment* unsafe.
3. Portable-fuel-cell *appliances* that are not connected to a fixed piping system and are not interconnected to a power grid.

Mechanical:

1. Portable heating *appliances*.
2. Portable ventilation *appliances*.
3. Portable cooling units.
4. Steam, hot- or chilled-water piping within any heating or cooling *equipment* regulated by this code.
5. Replacement of any minor part that does not alter approval of *equipment* or make such *equipment* unsafe.
6. Portable evaporative coolers.
7. Self-contained refrigeration systems containing 10 pounds (4.54 kg) or less of refrigerant or that are actuated by motors of 1 horsepower (746 W) or less.
8. Portable-fuel-cell *appliances* that are not connected to a fixed piping system and are not interconnected to a power grid.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe; provided, however, that if any concealed trap, drainpipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and

replace the same with new material, such work shall be considered as new work and a*permit* shall be obtained and inspection made as provided in this code.

2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

Reason: Swimming pools are not regulated in the main body of the code but in the appendix. So if I don't adopt the appendix chapter, I can install an in-ground pool of any depth without a permit. In ground pools aren't regulated and R105.1 requires permits only for work regulated by the code. But if I am considering a "prefabricated swimming pool(s)", then I need a permit if it is more than 24 inches deep! Does that make any sense? Absolutely not. There are no rules for "prefabricated swimming pools". So how do I regulate a prefabricated pool more than 24 inches deep? Even more, what is a prefabricated swimming pool? Must it have hard sides? Can it be inflatable? Can it be seasonal? How do I measure the depth – sidewall, water depth? Do I require a separate permit every year when it is put up?

There shouldn't be rules in the main body of the code for appendix chapters. That only serves to create confusion. Those wishing to adopt an appendix can effect amendments to the code compatible with the appendix adoption and local needs.

Cost Impact: Will not increase the cost of construction
This proposal expands work not needing a permit which will reduce construction costs.

ADM65-16 : R105.2-DAVIDSON10781

ADM66-16

Part I:
IBC: [A] 105.2; IEBC: [A] 105.2
Part II:
IRCC: R105.2

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

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

Part I

2015 International Building Code

Revise as follows:

[A] 105.2 Work exempt from permit. Exemptions from *permit*requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. *Permits*shall not be required for the following:
Building:

1. One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area is not greater than 120 square feet (11 m^2).
2. Fences not over 7 feet (2134 mm) high.
3. Oil derricks.
4. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or IIIA liquids.
5. Water tanks supported directly on grade if the capacity is not greater than 5,000 gallons (18 925 L) and the ratio of height to diameter or width is not greater than 2:1.
6. Sidewalks and driveways not more than 30 inches (762 mm) above adjacent grade, and not over any basement or *story*below and are not part of an *accessible route*.
7. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
8. Temporary motion picture, television and theater stage sets and scenery.
9. Prefabricated *swimming pools*accessory to a Group R-3 occupancy that are less than 24 inches (610 mm) deep, are not greater than 5,000 gallons (18 925 L) and are installed entirely above ground.
10. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.
11. ~~Swings~~ Outdoor swings and other playground equipment accessory to detached one- and two-family *dwellings*.
12. Window awnings in Group R-3 and U occupancies, supported by an exterior wall that do not project more than 54 inches (1372 mm) from the *exterior wall*and do not require additional support.
13. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753 mm) in height.

Electrical:
Repairs and maintenance: Minor repair work, including the replacement of lamps or the connection of *approved*portable electrical equipment to *approved*permanently installed receptacles.
Radio and television transmitting stations: The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for a power supply and the installations of towers and antennas.
Temporary testing systems:A *permit*shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.
Gas:

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

Mechanical:

1. Portable heating appliance.
2. Portable ventilation equipment.
3. Portable cooling unit.
4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.
5. Replacement of any part that does not alter its approval or make it unsafe.
6. Portable evaporative cooler.
7. Self-contained refrigeration system containing 10 pounds (4.54 kg) or less of refrigerant and actuated by motors of 1 horsepower (0.75 kW) or less.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe, provided, however, that if any concealed trap, drain pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a *permit*shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

2015 International Existing Building Code

Revise as follows:

[A] 105.2 Work exempt from permit. Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. Permits shall not be required for the following:
Building:

1. Sidewalks and driveways not more than 30 inches (762 mm) above grade and not over any basement or story below and that are not part of an accessible route.
2. Painting, papering, tiling, carpeting, cabinets, counter tops, and similar finish work.
3. Temporary motion picture, television, and theater stage sets and scenery.
4. Shade cloth structures constructed for nursery or agricultural purposes, and not including service systems.
5. Outdoor swings and other playground equipment accessory to detached one- and two-family *dwellings*.
6. Window awnings supported by an exterior wall of Group R-3 or Group U occupancies.
7. Movable cases, counters, and partitions not over 69 inches (1753 mm) in height.

Electrical:
Repairs and maintenance: Minor *repair*work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.
Radio and television transmitting stations: The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for power supply, the installations of towers, and antennas.
Temporary testing systems:A permit shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.
Gas:

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

Mechanical:

1. Portable heating appliance.
2. Portable ventilation equipment.
3. Portable cooling unit.
4. Steam, hot, or chilled water piping within any heating or cooling equipment regulated by this code.
5. Replacement of any part that does not alter its approval or make it unsafe.
6. Portable evaporative cooler.
7. Self-contained refrigeration system containing 10 pounds (4.54 kg) or less of refrigerant and actuated by motors of 1 horsepower (746 W) or less.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste, or vent pipe; provided, however, that if any concealed trap, drainpipe, water, soil, waste, or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work, and a permit shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves, or fixtures, and the removal and reinstallation of water closets, provided such *repairs*do not involve or require the replacement or rearrangement of valves, pipes, or fixtures.

Part II

2015 International Residential Code

Revise as follows:

R105.2 Work exempt from permit. Exemption from *permit* requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this *jurisdiction*. *Permits* shall not be required for the following:
Building:

1. One-*story* detached *accessory structures,* provided that the floor area does not exceed 200 square feet (18.58 m^2).
2. Fences not over 7 feet (2134 mm) high.
3. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge.
4. Water tanks supported directly upon *grade* if the capacity does not exceed 5,000 gallons (18 927 L) and the ratio of height to diameter or width does not exceed 2 to 1.
5. Sidewalks and driveways.
6. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
7. Prefabricated swimming pools that are less than 24 inches (610 mm) deep.
8. ~~Swings~~ Outdoor swings and other playground equipment.
9. Window awnings supported by an exterior wall that do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.
10. Decks not exceeding 200 square feet (18.58 m^2) in area, that are not more than 30 inches (762 mm) above *grade* at any point, are not attached to a dwelling do not serve the exit door required by Section R311.4.

Electrical:

1. *Listed* cord-and-plug connected temporary decorative lighting.
2. Reinstallation of attachment plug receptacles but not the outlets therefor.
3. Replacement of branch circuit overcurrent devices of the required capacity in the same location.
4. Electrical wiring, devices, *appliances,* apparatus or *equipment* operating at less than 25 volts and not capable of supplying more than 50 watts of energy.
5. Minor repair work, including the replacement of lamps or the connection of *approved* portable electrical *equipment* to *approved* permanently installed receptacles.

Gas:

1. Portable heating, cooking or clothes drying *appliances*.
2. Replacement of any minor part that does not alter approval of *equipment* or make such *equipment* unsafe.
3. Portable-fuel-cell *appliances* that are not connected to a fixed piping system and are not interconnected to a power grid.

Mechanical:

1. Portable heating *appliances*.
2. Portable ventilation *appliances*.
3. Portable cooling units.
4. Steam, hot- or chilled-water piping within any heating or cooling *equipment* regulated by this code.
5. Replacement of any minor part that does not alter approval of *equipment* or make such *equipment* unsafe.
6. Portable evaporative coolers.
7. Self-contained refrigeration systems containing 10 pounds (4.54 kg) or less of refrigerant or that are actuated by motors of 1 horsepower (746 W) or less.
8. Portable-fuel-cell *appliances* that are not connected to a fixed piping system and are not interconnected to a power grid.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe; provided, however, that if any concealed trap, drainpipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a*permit* shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

Reason: In 2012 IBC, children's playground structures were taken out of malls and placed in a stand-alone Section 424. In there it is mentioned that; "..playground structures installed **inside all** occupancies covered by this code...". That meant even one- and two-family dwellings. However, Section 105.2 was left unchanged and did not distinguish that between outdoor or indoor structures. Hereby, "outdoor" is added to Section 105.2 to maintain the consistency with Section 424.

Cost Impact: Will not increase the cost of construction
This is an editorial correllation, so there will be no change to construction requirements.

ADM66-16 : [A] 105.2-MAIEL4491

ADM67-16

Part I:
IBC: [A] 105.2; IEBC: [A] 105.2
Part II:
IRC: R105.2

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Lee Kranz, City of Bellevue, Washington, representing Washington Association of Building Officials Technical Code Development Committee (lkranz@bellevuewa.gov)

Part I

2015 International Building Code

Revise as follows:

[A] 105.2 Work exempt from permit. Exemptions from *permit* requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. *Permits* shall not be required for the following:
Building:

1. One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, provided the floor area is not greater than 120 square feet (11 m^2).
2. Fences not over 7 feet (2134 mm) high.
3. Oil derricks.
4. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II or IIIA liquids.
5. Water tanks supported directly on grade if the capacity is not greater than 5,000 gallons (18 925 L) and the ratio of height to diameter or width is not greater than 2:1.
6. Sidewalks and driveways not more than 30 inches (762 mm) above adjacent grade, and not over any basement or *story* below and are not part of an *accessible route*.
7. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
8. Temporary motion picture, television and theater stage sets and scenery.
9. Prefabricated *swimming pools* accessory to a Group R-3 occupancy that are less than 24 inches (610 mm) deep, are not greater than 5,000 gallons (18 925 L) and are installed entirely above ground.
10. Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.
11. Swings and other playground equipment accessory to detached one- and two-family *dwellings*.
12. Window awnings in Group R-3 and U occupancies, supported by an exterior wall that do not project more than 54 inches (1372 mm) from the *exterior wall* and do not require additional support.
13. Nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753 mm) in height.
14. Photovoltaic panel installations in Group R-3 and U occupancies, complying with all of the following:
    - 14.1. Total panel area does not exceed 1,000 square feet,
    - 14.2. Design ground snow load does not exceed 70 pounds per square foot,
    - 14.3. Panel weight and appurtenances does not exceed 4 pounds per square foot, and
    - 14.4. Loads on individual panel legs does not exceed 50 pounds

Electrical:
Repairs and maintenance: Minor repair work, including the replacement of lamps or the connection of *approved* portable electrical equipment to *approved* permanently installed receptacles.
Radio and television transmitting stations: The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for a power supply and the installations of towers and antennas.
Temporary testing systems: A *permit* shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.
Gas:

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

Mechanical:

1. Portable heating appliance.
2. Portable ventilation equipment.
3. Portable cooling unit.
4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.
5. Replacement of any part that does not alter its approval or make it unsafe.

6. Portable evaporative cooler.
7. Self-contained refrigeration system containing 10 pounds (4.54 kg) or less of refrigerant and actuated by motors of 1 horsepower (0.75 kW) or less.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe, provided, however, that if any concealed trap, drain pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a *permit* shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

2015 International Existing Building Code

Revise as follows:

[A] 105.2 Work exempt from permit. Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. Permits shall not be required for the following:
Building:

1. Sidewalks and driveways not more than 30 inches (762 mm) above grade and not over any basement or story below and that are not part of an accessible route.
2. Painting, papering, tiling, carpeting, cabinets, counter tops, and similar finish work.
3. Temporary motion picture, television, and theater stage sets and scenery.
4. Shade cloth structures constructed for nursery or agricultural purposes, and not including service systems.
5. Window awnings supported by an exterior wall of Group R-3 or Group U occupancies.
6. Movable cases, counters, and partitions not over 69 inches (1753 mm) in height.
7. Photovoltaic panel installations in Group R-3 and U occupancies, complying with all of the following:
    - 7.1. Total panel area does not exceed 1,000 square feet,
    - 7.2. Design ground snow load does not exceed 70 pounds per square foot,
    - 7.3. Panel weight and appurtenances does not exceed 4 pounds per square foot, and
    - 7.4. Loads on individual panel legs does not exceed 50 pounds

Electrical:
Repairs and maintenance: Minor *repair* work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.
Radio and television transmitting stations: The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for power supply, the installations of towers, and antennas.
Temporary testing systems: A permit shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.
Gas:

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

Mechanical:

1. Portable heating appliance.
2. Portable ventilation equipment.
3. Portable cooling unit.
4. Steam, hot, or chilled water piping within any heating or cooling equipment regulated by this code.
5. Replacement of any part that does not alter its approval or make it unsafe.
6. Portable evaporative cooler.
7. Self-contained refrigeration system containing 10 pounds (4.54 kg) or less of refrigerant and actuated by motors of 1 horsepower (746 W) or less.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste, or vent pipe; provided, however, that if any concealed trap, drainpipe, water, soil, waste, or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work, and a permit shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves, or fixtures, and the removal and reinstallation of water closets, provided such *repairs* do not involve or require the replacement or rearrangement of valves, pipes, or fixtures.

Part II

2015 International Residential Code

Revise as follows:

R105.2 Work exempt from permit. Exemption from *permit* requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this *jurisdiction*. *Permits* shall not be required for the following:
Building:

1. One-*story* detached *accessory structures,* provided that the floor area does not exceed 200 square feet (18.58 m^2).
2. Fences not over 7 feet (2134 mm) high.
3. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge.
4. Water tanks supported directly upon *grade* if the capacity does not exceed 5,000 gallons (18 927 L) and the ratio of height to diameter or width does not exceed 2 to 1.
5. Sidewalks and driveways.
6. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
7. Prefabricated swimming pools that are less than 24 inches (610 mm) deep.
8. Swings and other playground equipment.
9. Window awnings supported by an exterior wall that do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.
10. Decks not exceeding 200 square feet (18.58 m^2) in area, that are not more than 30 inches (762 mm) above *grade* at any point, are not attached to a dwelling do not serve the exit door required by Section R311.4.
11. Photovoltaic panel installations complying with all of the following:
    - 11.1. Total panel area does not exceed 1,000 square feet,
    - 11.2. Design ground snow load does not exceed 70 pounds per square foot,
    - 11.3. Panel weight and appurtenances does not exceed 4 pounds per square foot, and
    - 11.4. Loads on individual panel legs does not exceed 50 pounds

Electrical:

1. *Listed* cord-and-plug connected temporary decorative lighting.
2. Reinstallation of attachment plug receptacles but not the outlets therefor.
3. Replacement of branch circuit overcurrent devices of the required capacity in the same location.
4. Electrical wiring, devices, *appliances,* apparatus or *equipment* operating at less than 25 volts and not capable of supplying more than 50 watts of energy.
5. Minor repair work, including the replacement of lamps or the connection of *approved* portable electrical *equipment* to *approved* permanently installed receptacles.

Gas:

1. Portable heating, cooking or clothes drying *appliances*.
2. Replacement of any minor part that does not alter approval of *equipment* or make such *equipment* unsafe.
3. Portable-fuel-cell *appliances* that are not connected to a fixed piping system and are not interconnected to a power grid.

Mechanical:

1. Portable heating *appliances*.
2. Portable ventilation *appliances*.
3. Portable cooling units.
4. Steam, hot- or chilled-water piping within any heating or cooling *equipment* regulated by this code.
5. Replacement of any minor part that does not alter approval of *equipment* or make such *equipment* unsafe.
6. Portable evaporative coolers.
7. Self-contained refrigeration systems containing 10 pounds (4.54 kg) or less of refrigerant or that are actuated by motors of 1 horsepower (746 W) or less.
8. Portable-fuel-cell *appliances* that are not connected to a fixed piping system and are not interconnected to a power grid.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe; provided, however, that if any concealed trap, drainpipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a *permit* shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, and the removal and

reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.

Reason: This proposal seeks to reduce unneccessary regulatory hindrances to installing photovoltaic panels on single family homes. There has been significant emphasis on reducing our dependency on fossil fuels and installation of PV panels is on the rise. The exemption thresholds identified in this proposal have been deemed to be safe levels of additional gravity loading on existing residential roofs in Washington state.

Cost Impact: Will not increase the cost of construction
If approved this proposal will reduce the cost of construction by eliminating the need to get a building permit if the PV installation is within the stated parameters.

ADM67-16 : R105.2-KRANZ11482

ADM68-16

IRC: R105.2

Proponent : Edward Kulik, representing Building Code Action Committee (bcac@iccsafe.org)

THIS CODE CHANGE WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THIS COMMITTEES.

2015 International Residential Code

Revise as follows:

R105.2 Work exempt from permit. Exemption from *permit* requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this *jurisdiction*. *Permits* shall not be required for the following:

Building:

1. One-*story* detached *accessory structures,* other than garages, provided that the floor area does not exceed 200 square feet (18.58 m^2).
2. Fences not over 7 feet (2134 mm) high.
3. Retaining walls that are not over 4 feet (1219 mm) in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge.
4. Water tanks supported directly upon *grade* if the capacity does not exceed 5,000 gallons (18 927 L) and the ratio of height to diameter or width does not exceed 2 to 1.
5. Sidewalks and driveways.
6. Painting, papering, tiling, carpeting, cabinets, counter tops and similar finish work.
7. Prefabricated swimming pools that are less than 24 inches (610 mm) deep.
8. Swings and other playground equipment.
9. Window awnings supported by an exterior wall that do not project more than 54 inches (1372 mm) from the exterior wall and do not require additional support.
10. Decks not exceeding 200 square feet (18.58 m^2) in area, that are not more than 30 inches (762 mm) above *grade* at any point, are not attached to a dwelling do not serve the exit door required by Section R311.4.

Electrical:

1. *Listed* cord-and-plug connected temporary decorative lighting.
2. Reinstallation of attachment plug receptacles but not the outlets therefor.
3. Replacement of branch circuit overcurrent devices of the required capacity in the same location.
4. Electrical wiring, devices, *appliances,* apparatus or *equipment* operating at less than 25 volts and not capable of supplying more than 50 watts of energy.
5. Minor repair work, including the replacement of lamps or the connection of *approved* portable electrical *equipment* to *approved* permanently installed receptacles.

Gas:

1. Portable heating, cooking or clothes drying *appliances*.
2. Replacement of any minor part that does not alter approval of *equipment* or make such *equipment* unsafe.
3. Portable-fuel-cell *appliances* that are not connected to a fixed piping system and are not interconnected to a power grid.

Mechanical:

1. Portable heating *appliances*.
2. Portable ventilation *appliances*.
3. Portable cooling units.
4. Steam, hot- or chilled-water piping within any heating or cooling *equipment* regulated by this code.
5. Replacement of any minor part that does not alter approval of *equipment* or make such *equipment* unsafe.
6. Portable evaporative coolers.
7. Self-contained refrigeration systems containing 10 pounds (4.54 kg) or less of refrigerant or that are actuated by motors of 1 horsepower (746 W) or less.
8. Portable-fuel-cell *appliances* that are not connected to a fixed piping system and are not interconnected to a power grid.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe; provided, however, that if any concealed trap, drainpipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a*permit* shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or

rearrangement of valves, pipes or fixtures.

Reason: The IRC exception for building permits being required was increased from allowing a maximum of 120 sq. foot to a maximum of 200 sq. foot for a Residential Accessory structure with the intent to allow larger **storage sheds** than in the past due to the fact that they typically have a limited fuel load and rarely had structural corrections at the time of inspection.
The exemption as written has allowed a larger size capable of fitting typical passenger cars and has caused confusion and misinterpretation and now some code officials are interpreting this to mean that a private garage is also exempt from permits. This is creating increased hazards due to the increased fuel loads associated with personal vehicles being stored in these structures without the intended fire separation when the accessory structures are detached but directly adjacent to dwellings, dwelling sleeping rooms etc. The same potential fire hazard occurs when the detached garage structures are being placed directly on or near the property line.

This code change would provide clarification to the existing code language.

This proposal is submitted by the ICC Building Code Action Committee (BCAC). BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

Cost Impact: Will not increase the cost of construction
This proposal is meant to clarify the existing requirements; therefore it is not intended to increase the cost of construction.

ADM68-16 : R105.2-KULIK11031

ADM69-16

Part I:
IBC: [A] 105.2.2; IEBC: [A] 105.2.2; IFC: [A] 105.1.5
Part II:
IRC: R105.2.2

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINSTRATIVE COMMITTEE. PART II WILL BE HEARD BY THE RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Richard Davidson, representing Self

Part I

2015 International Building Code

Revise as follows:

[A] 105.2.2 Repairs. Application or notice to the *building official*is not required for ~~ordinary~~ *repairs*to structures~~, replacement of lamps or the connection of *approved* portable electrical equipment to *approved* permanently installed receptacles. Such *repairs* shall not include the cutting away of any wall, partition or portion thereof, the removal or cutting of any structural beam or load bearing support, or the removal or change of any required *means of egress*, or rearrangement of parts of a structure affecting the egress requirements; nor shall ordinary repairs include *addition* to, *alteration* of, replacement or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas, soil, waste, vent or similar piping, electric wiring or mechanical or other work affecting public health or general safety.~~

2015 International Existing Building Code

Revise as follows:

[A] 105.2.2 Repairs. Application or notice to the *code official*is not required for ~~ordinary~~ *repairs*to structures~~ and items listed in Section 105.2. Such *repairs* shall not include the cutting away of any wall, partition, or portion thereof, the removal or cutting of any structural beam or load bearing support, or the removal or change of any required means of egress or rearrangement of parts of a structure affecting the egress requirements; nor shall ordinary *repairs* include *addition* to, *alteration* of, replacement, or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas, soil, waste, vent, or similar piping, electric wiring, or mechanical or other work affecting public health or general safety.~~

2015 International Fire Code

Revise as follows:

[A] 105.1.5 Repairs. Application or notice to the *fire code* ~~*official*~~official is not required for ~~ordinary repairs~~ *repairs* to structures~~, equipment or systems. Such repairs shall not include the cutting away of any wall, partition or portion thereof, the removal or change of any required *means of egress*, or rearrangement of parts of a structure affecting the egress requirements; nor shall any repairs include addition to, alteration of, replacement or relocation of any standpipe, fire protection water supply, *automatic sprinkler system*, fire alarm system or other work affecting fire protection or life safety.~~

Part II

2015 International Residential Code

Revise as follows:

R105.2.2 Repairs. Application or notice to the *building official*is not required for ~~ordinary repairs~~ *repairs* to structures~~, replacement of lamps or the connection of *approved* portable electrical *equipment* to *approved* permanently installed receptacles. Such repairs shall not include the cutting away of any wall, partition or portion thereof, the removal or cutting of any structural beam or load bearing support, or the removal or change of any required means of egress, or rearrangement of parts of a structure affecting the egress requirements; nor shall ordinary repairs include *addition* to, *alteration* of, replacement or relocation of any water supply, sewer, drainage, drain leader, gas, soil, waste, vent or similar piping, electric wiring or mechanical or other work affecting public health or general safety.~~

Reason: Is there a difference between repairs and "ordinary" repairs? And what might that be? Do we need to tell people they don't need a permit to plug in a lamp which this section addresses? Have we stupidified ourselves this much? This code section is over the top. The term "repair" is defined. We don't need all of this commentary language.
REPAIR. The reconstruction or renewal of any part of an existing building for the purpose of its maintenance. For definition applicable in Chapter 11, see Section N1101.9

Cost Impact: Will not increase the cost of construction
This is an editorial revision that will not impact construction costs.

ADM69-16 : R105.2.2-DAVIDSON10783

ADM70-16

IEBC [A] 105.2.2

Proponent : David Bonowitz, representing National Council of Structural Engineers Associations (dbonowitz@att.net)

2015 International Existing Building Code

Revise as follows:

[A] 105.2.2 Repairs. Application or notice to the *code official* is not required for ~~ordinary~~ *repairs* to structures and items listed in Section 105.2. Such *repairs* shall not include the cutting away of any wall, partition, or portion thereof, the removal or cutting of any structural beam or load-bearing support, or the removal or change of any required means of egress or rearrangement of parts of a structure affecting the egress requirements; nor shall ~~ordinary~~ such *repairs* include *addition* to, *alteration* of, replacement, or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas, soil, waste, vent, or similar piping, electric wiring, or mechanical or other work affecting public health or general safety.

Reason: This proposal coordinates with EB 26, which was approved as submitted in Group A. Among other improvements, EB 26 deleted the term "ordinary repairs" from IEBC section 404.1, so that section 404.1 now refers more clearly to just "work exempt from permit in accordance with Section 105.2." This proposal completes the work of EB 26 by making a matching clarification in Section 105.2.2.
As staff notes, provisions similar to 105.2.2 exist in three other I-codes. However, the other codes do not include the reference, as the IEBC does, to work for which no permit is required. Therefore, this proposal does not address the other codes. The IEBC's clear approach provides a model for the other codes to follow, but full coordination between codes, which would also have to clean up unrelated inconsistencies in the wording, is beyond the scope of this simple change, intended only to coordinate with EB 26. Even so, there is no reason to withhold approval of this proposal because the other codes are different; they are already different from each other and will remain so whether or not this proposal is approved.

Bibliography: Proposal EB 26-15, approved as submitted by the IEBC committee in Group A of the current cycle, 2015.
http://www.iccsafe.org/codes-tech-support/codes/code-development/20152017-code-development-group-a/

Cost Impact: Will not increase the cost of construction
The change is editorial.

Staff note: There is similar language in IBC 105.2.2, IFC 105.1.5 and IRC 105.2.2.

ADM70-16 : [A] 105.2.2-BONOWITZ12095

ADM71-16

IBC: [A] 105.2.2; IEBC: 105.2.2

Proponent : David Bonowitz, representing National Council of Structural Engineers Associations (dbonowitz@att.net)

2015 International Building Code

Delete without substitution:

~~**[A] 105.2.2 Repairs.** Application or notice to the *building official* is not required for ordinary *repairs* to structures, replacement of lamps or the connection of *approved* portable electrical equipment to *approved* permanently installed receptacles. Such *repairs* shall not include the cutting away of any wall, partition or portion thereof, the removal or cutting of any structural beam or load bearing support, or the removal or change of any required *means of egress*, or rearrangement of parts of a structure affecting the egress requirements; nor shall ordinary repairs include *addition* to, *alteration* of, replacement or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas, soil, waste, vent or similar piping, electric wiring or mechanical or other work affecting public health or general safety.~~

2015 International Existing Building Code

Revise as follows:

[A] 105.2.2 Repairs. Application or notice to the *code official* is not required for ordinary *repairs* to structures and items listed in Section 105.2~~. Such~~ provided such *repairs do* ~~shall~~ not include the cutting away of any wall, partition, or portion thereof, the removal or cutting of any structural beam or load-bearing support, or the removal or change of any required means of egress or rearrangement of parts of a structure affecting the egress requirements; ~~nor shall~~ and provided that such ordinary *repairs* include no *addition* to, *alteration* of, replacement, or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas, soil, waste, vent, or similar piping, electric wiring, or mechanical or other work affecting public health or general safety.

Reason: This proposal clarifies the logic of the IEBC and eliminates the obsolete corresponding provision from the IBC.
IEBC 105.2.2 specificies when permits are not required for repairs. The section was clarified in a past cycle to refer to the list in 105.2 of items that generally require no permit. That is, if they don't require a permit to install, they don't require a permit to repair. With this clarification, the balance of 105.2.2 is no longer an odd quasi-definition of an "ordinary repair" but a set of limiting conditions on the permit allowance. What the section means to say is that for repairs associated with work that otherwise requires no permit, the repair in question may not involve other complications that normally do require permits. The proposal clarifies the logic, so that instead of saying that certain repairs are not allowed, the provision will say that they are allowed, provided the scope does not include any of the listed complications.

A similar provision exists in the IBC, but it is a remnant that should have been removed last cycle when IBC Chapter 34 was replaced with a pointer to the IEBC. As IBC 101.4.7 and 102.6, as well as the note at reserved Chapter 34, clearly state, the IBC relies on and points to the IEBC for repair provisions. As the IEBC already has its own complete set of administrative provisions, IBC 105.2.2 is no longer needed.

As staff notes, two other I-codes have similar provisions. However, those provisions do not include the IEBC's clear reference to work exempt from permit. The clearer IEBC provision provides a model for the other codes to follow, but full code-to-code consistency is beyond the scope of this proposal, as it would require additional clean-up of inconsistent wording. The different codes already have different wording in corresponding provisions, and they will continue to differ whether or not this proposal is approved.

Cost Impact: Will not increase the cost of construction
The change is an editorial clarification only, so there will be no change to construction requirements.

Staff note: There is similar languae in IFC Section 105.1.5 and IRC Section R105.2.2.

ADM71-16 : [A] 105.2.2-BONOWITZ12096

ADM72-16

IRC: R105.3.1.1, R301.2.4, R322.1

Proponent : Gregory Wilson, representing Federal Emergency Management Agency (gregory.wilson2@fema.dhs.gov); Rebecca Quinn, RCQuinn Consulting, Inc., representing RCQuinn Consulting on behalf of Federal Emergency Management Agency (rcquinn@earthlink.net)

THIS CODE CHANGE WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THIS COMMITTEE.

2015 International Residential Code

Revise as follows:

R105.3.1.1 Determination of substantially improved or substantially damaged existing buildings in flood hazard areas. For applications for reconstruction, rehabilitation, *addition,* alteration, repair or other improvement of existing buildings or structures located in a flood hazard area as established by Table R301.2(1), the *building official* shall examine or cause to be examined the *construction documents* and shall make a determination with regard to the value of the proposed work. For buildings that have sustained damage of any origin, the value of the proposed work shall include the cost to repair the building or structure to its predamaged condition. If the *building official* finds that the value of proposed work equals or exceeds 50 percent of the market value of the building or structure before the damage has occurred or the improvement is started, the proposed work is a substantial improvement or ~~restoration~~ repair of substantial damage and the building official shall require existing portions of the entire building or structure to meet the requirements of Section R322.

For the purpose of this determination, a substantial improvement shall mean any repair, reconstruction, rehabilitation, addition or improvement of a building or structure, the cost of which equals or exceeds 50 percent of the market value of the building or structure before the improvement or repair is started. Where the building or structure has sustained substantial damage, repairs necessary to restore the building or structure to its predamaged condition shall be considered substantial improvements regardless of the actual repair work performed. The term shall not include either of the following:

1. Improvements to a building or structure that are required to correct existing health, sanitary or safety code violations identified by the building official and that are the minimum necessary to ensure safe living conditions.
2. Any alteration of a historic building or structure, provided that the alteration will not preclude the continued designation as a historic building or structure. For the purposes of this exclusion, a historic building shall be any of the following:
    - 2.1. Listed or preliminarily determined to be eligible for listing in the National Register of Historic Places.
    - 2.2. Determined by the Secretary of the U.S. Department of Interior as contributing to the historical significance of a registered historic district or a district preliminarily determined to qualify as an historic district.
    - 2.3. Designated as historic under a state or local historic preservation program that is approved by the Department of Interior.

R301.2.4 Floodplain construction. Buildings and structures constructed in whole or in part in flood hazard areas (including A or V Zones) as established in Table R301.2(1), and substantial improvement and ~~restoration~~ repair of substantial damage of buildings and structures in flood hazard areas, shall be designed and constructed in accordance with Section R322. Buildings and structures that are located in more than one flood hazard area shall comply with the provisions associated with the most restrictive flood hazard area. Buildings and structures located in whole or in part in identified floodways shall be designed and constructed in accordance with ASCE 24.

R322.1 General. Buildings and structures constructed in whole or in part in flood hazard areas, including A or V Zones and Coastal A Zones, as established in Table R301.2(1), and substantial improvement and ~~restoration~~ repair of substantial damage of buildings and structures in flood hazard areas, shall be designed and constructed in accordance with the provisions contained in this section. Buildings and structures that are located in more than one flood hazard area shall comply with the provisions associated with the most restrictive flood hazard area. Buildings and structures located in whole or in part in identified floodways shall be designed and constructed in accordance with ASCE 24.

Reason: This proposal is editorial for consistency with the definition of "substantial Improvement," which uses the term "repair." It also corrects imprecise usage: damage is not, in fact, restore; damage is repaired.

Cost Impact: Will not increase the cost of construction
Clarification of terms does not change the basic requirement.

ADM72-16 : R105.3.1.1-WILSON11486

ADM73-16

Part I:

IBC: [A] 105.5, G104.4; IEBC: [A] 105.5; IFC: [A] 105.3.1; IFGC: [A] 106.5.3; IMC: [A] 106.4.3; IPC: [A] 106.5.3; IPSDC: [A] 106.3.3; ISPSC: [A] 105.5.3; IWUIC: [A] 107.8; IZC: [A] 111.2

Part II:

IRC: R105.5

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Richard Davidson, representing Self

Part I

2015 International Building Code

Revise as follows:

[A] 105.5 Expiration. Every ~~*permit*~~ permit issued shall become invalid unless the work ~~on the site~~ authorized by such ~~*permit*~~ permit is commenced within 180 days after its issuance~~,~~ or ~~if the~~ after commencement of work ~~authorized on the site by such *permit* is suspended or abandoned for a period of~~ if more than 180 days ~~after the time the work is commenced~~ occurs between inspections. The ~~*building official*~~ building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

G104.4 Expiration. ~~A *permit*~~
Every permit issued shall become invalid ~~if~~ unless the ~~proposed development~~ work authorized by such permit is ~~not~~ commenced within 180 days after its issuance~~,~~ or ~~if the~~ after commencement of work ~~authorized is suspended or abandoned for a period of~~ if more than 180 days ~~after the work commences. Extensions shall be requested in writing and justifiable cause demonstrated~~ occurs between inspections. The ~~*building official*~~building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

2015 International Existing Building Code

Revise as follows:

[A] 105.5 Expiration. Every permit issued shall become invalid unless the work ~~on the site~~ authorized by such permit is commenced within 180 days after its issuance~~,~~ or ~~if the~~ after commencement of work ~~authorized on the site by such permit is suspended or abandoned for a period of~~ if more than 180 days ~~after the time the work is commenced~~ occurs between inspections. The ~~*code official*~~ code official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

2015 International Fire Code

Revise as follows:

[A] 105.3.1 Expiration. ~~An operational~~
Every permit ~~shall remain in effect until reissued, renewed or revoked, or for such a period of time as specified in the permit. Construction permits~~ issued shall ~~automatically~~ become invalid unless the work authorized by such permit is commenced within 180 days after its issuance~~,~~ or ~~if the~~ after commencement of work ~~authorized by such permit is suspended or abandoned for a period of~~ if more than 180 days ~~after the time the work~~ occurs between inspections. The fire code official is ~~commenced~~ authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.
Before such work recommences, a new permit shall be first obtained and the fee to recommence work, if any, shall be one-half the amount required for a new permit for such work, provided that changes have not been made and will not be made in the original construction documents for such work, and provided further that such suspension or abandonment has not exceeded one year. Permits are not transferable and any change in occupancy, operation, tenancy or ownership shall require that a new permit be issued.

2015 International Fuel Gas Code

Revise as follows:

[A] 106.5.3 Expiration. Every permit issued ~~by the code official under the provisions of this code~~ shall ~~expire by limitation and~~ become ~~null and void if~~ invalid unless the work authorized by such permit is ~~not~~ commenced within 180 days ~~from the date~~ after its issuance or after commencement of ~~such permit, or is suspended or abandoned at any time after the~~ work ~~is commenced for a period of~~ if more than 180 days occurs between inspections. The code official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

___Before such work recommences, a new permit shall be first obtained and the fee therefor shall be one-half the amount required for a new permit for such work, provided that changes have not been and will not be made in the original ~~*construction documents*~~ *construction documents* for such work, and further that such suspension or abandonment has not exceeded one year.

2015 International Mechanical Code

Revise as follows:

[A] 106.4.3 Expiration. Every permit issued ~~by the code official under the provisions of this code~~ shall ~~expire by limitation and~~ become ~~null and void if~~ invalid unless the work authorized by such permit is ~~not~~ commenced within 180 days ~~from the date~~ after its issuance or after commencement of ~~such permit, or~~ work if ~~the work authorized by such permit is suspended or abandoned at any time after the work is commenced for a period of~~ more than 180 days occurs between inspections. The code official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.
___ Before such work recommences, a new permit shall be first obtained and the fee therefor shall be one-half the amount required for a new permit for such work, provided that changes have not been made and will not be made in the original ~~*construction documents*~~ *construction documents* for such work, and provided further that such suspension or abandonment has not exceeded one year.

2015 International Plumbing Code

Revise as follows:

[A] 106.5.3 Expiration. Every permit issued ~~by the code official under the provisions of this code~~ shall ~~expire by limitation and~~ become ~~null and void if~~ invalid unless the work authorized by such permit is ~~not~~ commenced within 180 days ~~from the date~~ after its issuance or after commencement of ~~such permit, or~~ work if ~~the work authorized by such permit is suspended or abandoned at any time after the work is commenced for a period of~~ more than 180 days occurs between inspections. The code official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.
___Before such work can be recommenced, a new permit shall be first obtained and the fee therefor shall be one-half the amount required for a new permit for such work, provided changes have not been made and will not be made in the original construction documents for such work, and provided further that such suspension or abandonment has not exceeded 1 year.

2015 International Private Sewage Disposal Code

Revise as follows:

[A] 106.3.3 Expiration. Every permit issued ~~by the code official under the provisions of this code~~ shall ~~expire by limitation and~~ become ~~null and void if~~ invalid unless the work authorized by such permit is ~~not~~ commenced within 180 days ~~from the date~~ after its issuance or after commencement of ~~the permit, or~~ work if ~~the work authorized by such permit is suspended or abandoned at any time after the work is commenced for a period of~~ more than 180 days occurs between inspections. The code official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.
___Before such work can be recommenced, a new permit shall first be obtained and the fee therefor shall be one-half the amount required for a new permit for such work, provided no changes have been or will be made in the original construction documents for such work, and provided further that such suspension or abandonment has not exceeded one year.

2015 International Swimming Pool and Spa Code

Revise as follows:

[A] 105.5.3 Expiration. Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance~~,~~ or ~~if the~~ after commencement of work ~~authorized by such permit is suspended or abandoned for a period of~~ if more than 180 days ~~after the time the work is commenced~~ occurs between inspections. The code official is authorized to grant, in writing, one or more extensions of time, for ~~a period~~ periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

2015 International Wildland-Urban Interface Code

Revise as follows:

[A] 107.8 Expiration. Every permit issued ~~by the code official under the provisions of this code~~ shall ~~expire by limitation and~~ become ~~null and void if~~ invalid unless the ~~building, use or~~ work authorized by such permit is ~~not~~ commenced within 180 days ~~from the date~~ after its issuance or after commencement of ~~such permit, or~~ work if ~~the building, use or work authorized by such permit is suspended or abandoned at any time after the work is commenced for a period of~~ more than 180 days~~.~~
~~Any permittee holding an unexpired permit is allowed to apply for an extension of the time within which work is allowed to commence under that permit when the permittee is unable to commence work within the time required by this section for good and satisfactory reasons~~ occurs between inspections. The code official is authorized to

~~extend the~~ grant, in writing, one or more extensions of time, for ~~action by the permittee for a period~~ periods not ~~exceeding~~ more than 180 days ~~on written request by the permittee showing that circumstances beyond the control of the permittee have prevented action from being taken~~ each. ~~Permits~~ The extension shall ~~not~~ be ~~extended more than once~~ requested in writing and justifiable cause demonstrated.

2015 International Zoning Code

Revise as follows:

[A] 111.2 Expiration or cancellation. ~~Each~~
Every license, permit or approval issued shall ~~expire after~~ become invalid unless the work authorized by such permit is commenced within 180 days ~~if no~~ after its issuance or after commencement of work ~~is undertaken or such use or activity is not established, unless a different time of issuance of the license or permit is allowed in this code, or unless an extension is granted by the~~ if more than 180 days occurs between inspections. The issuing agency ~~prior~~ is authorized to ~~expiration~~ grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Failure to comply fully with the terms of any permit, license or approval shall be permitted to be grounds for cancellation or revocation. Action to cancel any license, permit or approval shall be permitted to be taken on proper grounds by the code official. Cancellation of a permit or approval by the commission or board shall be permitted to be appealed in the same manner as its original action.

Part II

2015 International Residential Code

Revise as follows:

R105.5 Expiration. Every ~~*permit*~~permit issued shall become invalid unless the work authorized by such ~~*permit*~~permit is commenced within 180 days after its issuance~~,~~ or ~~if the~~ after commencement of work ~~authorized by such *permit* is suspended or abandoned for a period of~~ if more than 180 days ~~after the time the work is commenced~~ occurs between inspections. The ~~*building official*~~building official is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Reason: We conduct inspections when called. We don't monitor abandonment or work stoppages. The current text is not enforceable, never has been. Inspection requests can be monitored. Nothing else can be. Applicants can say they continued with the work for years and the burden is on building departments to prove otherwise. The burden should be on the applicant to show progress. Building departments can end up with thousands of open permits because there is no way to prove work has been abandoned. This creates an administrative nightmare.

Cost Impact: Will not increase the cost of construction
This is an editorial revision that will not impact construction costs.

ADM73-16 : R105.5-DAVIDSON10784

ADM74-16

IRC: R106.1.4 (New)

Proponent : Dan Buuck, representing National Association of Home Builders (dbuuck@nahb.org)

THIS CODE CHANGE WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THIS COMMITTEES.

2015 International Residential Code

Add new text as follows:

R106.1.4 Information on fire-resistance ratings. For buildings and structures utilizing a wall or floor/ceiling assembly required to have a fire-resistance rating tested in accordance with ASTM E 119 or UL 263, the tested assembly design used to meet the required fire resistance for each wall or floor/ceiling assembly required to have a fire-resistance rating shall be provided.

Reason: This proposal is intended to make it easier for field inspectors to verify that required floor and wall assemblies are installed as required by code—specifically in Sections R302.2 and R302.3.

The wording of this new section is based on Section 106.1.3.

Cost Impact: Will not increase the cost of construction
There is no added cost of construction, because Section R106.1.1 already requires construction documents to "show in detail" that the work proposed "will conform to the provisions of this code". The proposed language clarifies this provision and does not require additional fire-resistance ratings for walls or floor/ceiling assemblies.

ADM74-16 : R106.1.4 (NEW)-BUUCK13250

ADM75-16

IBC: [A] 107.2.2; IEBC: [A] 106.2.2; IFC: [A] 105.4.2.1

Proponent : Tony Crimi, representing International Firestop Council (tcrimi@sympatico.ca)

2015 International Building Code

Revise as follows:

[A] 107.2.2 Fire protection system shop drawings. Shop drawings for the ~~*fire protection system(s)*~~ fire protection systems shall be submitted to indicate conformance to this code and the ~~*construction documents*~~ construction documents and shall be ~~*approved*~~ approved prior to the start of system installation. Plans for buildings more than two stories in height of other than Group R-3 and Group U Occupancies shall indicate how required structural and fire resistive integrity will be maintained where a penetration will be made for electrical, mechanical, plumbing and communication conduits, pipes and similar systems.Shop drawings shall contain all information as required by the referenced installation standards in Chapter 9.

2015 International Existing Building Code

Revise as follows:

[A] 106.2.2 Fire protection ~~system(s)~~ system shop drawings. Shop drawings for the fire protection ~~system(s)~~ systems shall be submitted to indicate conformance ~~with~~ to this code and the construction documents and shall be approved prior to the start of system installation. Plans for buildings more than two stories in height of other than Group R-3 and Group U Occupancies shall indicate how required structural and fire resistive integrity will be maintained where a penetration will be made for electrical, mechanical, plumbing and communication conduits, pipes and similar systems.Shop drawings shall contain all information as required by the referenced installation standards in Chapter 9 of the ~~*International Building Code*~~International Fire Code.

2015 International Fire Code

Revise as follows:

[A] 105.4.2.1 Fire protection system shop drawings. Shop drawings for the fire protection ~~system(s)~~ systems shall be submitted to indicate ~~compliance with~~ conformance to this code and the ~~*construction documents,*~~ construction documents and shall be ~~*approved*~~approved prior to the start of system installation. Plans for buildings more than two stories in height of other than Group R-3 and Group U Occupancies shall indicate how required structural and fire resistive integrity will be maintained where a penetration will be made for electrical, mechanical, plumbing and communication conduits, pipes and similar systems.Shop drawings shall contain all information as required by the referenced installation standards in Chapter 9.

Reason: Fire resistance rated systems and their features that effect structural design, are critical components to a building, and should be given at least the same level of attention in the code as already exists for fire sprinklers and detection and alarm systems. This code change addresses the need to identify how penetrations in fire resistance rated building elements or assemblies are required to be protected. The inclusion of these particular elements on shop drawings is critically important to building fire safety. When firestopping details conforming to the code (i.e. tested systems) are not required on shop drawings, it is common for unexperienced installers to simply make a "best-effort", without referencing or conforming to a tested and listed design. This would lead to penetration seals that would likely allow premature fire and smoke passage through a rated assembly, thus negating the life safety value of those assemblies.
The language above is identical to that contained in Section 91.106.3.3.1 of the 2014 Los Angeles City Building Code. Similar language was also contained in Section [A] 107.2.2 of the 2008 Los Angeles County Building Code.

Cost Impact: Will not increase the cost of construction
This proposal could reduce the cost of construction by avoiding additional inspection and remediation of installations.

ADM75-16 : 107.2.2 (NEW)-CRIMI4308

ADM76-16

IBC: 107.2.3 (New); IEBC: 106.2.3 (New); IFC: 105.4.2.2 (New)

Proponent : Tony Crimi, International Firestop Council (tcrimi@sympatico.ca)

THIS CODE CHANGE WILL BE HEARD BY THE ADMINSTRATIVE CODE COMMITTEE.

2015 International Building Code

Add new text as follows:

107.2.3 Fire and smoke resistant joints and penetrations Construction documents shall describe the required fire resistant joint systems and penetration firestop systems in sufficient detail to determine compliance with Sections 714 and 715, and shall be approved prior to the start of installation. The construction documents shall indicate how required fire resistance will be maintained at through penetrations, membrane penetrations, joints or voids.

2015 International Existing Building Code

Add new text as follows:

106.2.3 Fire and smoke resistant joints and penetrations Construction documents shall describe the required fire resistant joint systems and penetration firestop systems in sufficient detail to determine compliance with Sections 714 and 715 of the *International Building Code*, and shall be approved prior to the start of installation. The construction documents shall indicate how required fire resistance will be maintained at through penetrations, membrane penetrations, joints or voids.

2015 International Fire Code

Add new text as follows:

105.4.2.2 Fire and smoke resistant joints and penetrations Construction documents shall describe the required fire resistant joint systems and penetration firestop systems in sufficient detail to determine compliance with Sections 714 and 715 of the *International Building Code*, and shall be approved prior to the start of installation. The construction documents shall indicate how required fire resistance will be maintained at through penetrations, membrane penetrations, joints or voids.

Reason: When firestopping details conforming to the code (i.e. tested systems) are not required on construction documents, it is common for inexperienced installers to simply make a "best-effort", without referencing or conforming to a tested and listed design. The intent is to avoid such poor and inadequate installation practices by requiring that the selected firestop systems be clearly identified on the construction documents. Fire resistance rated systems, are critical components to a building, and should be given at least the same level of attention in the code as already exists for fire sprinkler systems, fire alarm systems, means of egress, structural, and other similar system. This code change addresses the need to identify on construction documents how fire and smoke resistant joints and penetrations are to be protected. The inclusion of these particular elements on construction documents is critically important to building fire safety.

This proposed language was developed from similar code sections contained in

1) legacy code sections SBC (Section 104.2.4, SBC 1999), UBC (Section 106.3.3, 706.1, and 710.2.3, 1997 UBC) and NBC (Section 703.1 and 703.2,1999 NBC),

2) Section 91.106.3.3.1 of the 2014 Los Angeles City Building Code and

3) IBC 110.3.6 Inspections-Fire and smoke resistant joints and penetrations.

Cost Impact: Will not increase the cost of construction
The process of identifying appropriate systems for protection of penetrations and joints already needs occur at some point in the process of preparing for installation or inspection of these systems. This proposal only moves the process to the front end, where it is most appropriate, and could save time, aggravation and cost.

ADM76-16 : 107.2.3 (NEW)-CRIMI13128

ADM77-16

IBC: 107.2.5 (New); IEBC: 106.2.5 (New)

Proponent : Dennis Richardson, American Wood Council, representing American Wood Council (drichardson@awc.org)

2015 International Building Code

Add new text as follows:

107.2.5 Exterior balcony and elevated walking surfaces. Where balcony or other elevated walking surfaces are exposed to water from direct or blowing rain, snow, or irrigation, and the structural framing is protected by an impervious moisture barrier, the construction documents shall include details for all elements of the impervious moisture barrier system. The construction documents shall include manufacturer's installation instructions.

2015 International Existing Building Code

Add new text as follows:

106.2.5 Exterior balconies and elevated walking surfaces. Where balcony or other elevated walking surfaces are exposed to water from direct or blowing rain, snow, or irrigation, and the structural framing is protected by an impervious moisture barrier, the construction documents shall include details for all elements of the impervious moisture barrier system. The construction documents shall include manufacturer's installation instructions.

Reason: Existing language in IBC Section 107.2.4 and IEBC 106.2.4 specifies requirements for the construction documents associated with the wall envelope but is silent how that extends to balcony and elevated walking surfaces where an impervious moisture barrier system protects structural elements. This new section is proposed that will add detailing requirements for exterior balcony and elevated walking surfaces.

Cost Impact: Will not increase the cost of construction
This will not increase the cost of construction as the inclusion of construction details for weather protection is a common requirement already enforced by most building departments. This clarifies existing code language to be consistent with common practice.

ADM77-16 : 107.2.5 (NEW)-RICHARDSON12193

ADM78-16

Part I:
IBC: [A] 107.2, 107.2.7 (New), Chapter 35; IEBC: [A] 106.2, 106.2.6 (New), Chapter 16
Part II:
IRC: R106.1.1, Chapter 44

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Jonathan Wilson, National Center for Healthy Housing, representing National Center for Healthy Housing (jwilson@nchh.org); Joan Ketterman representing Improving Kids' Environment (joan.ketterman@envtlmgmt.org); Steve Weil representing the Lead and Environmental Hazard Association (weilcm2@verizon.net); and Jack Leonard representing the Environmental Management Institute (indyjel@gmail.com).

Part I

2015 International Building Code

Revise as follows:

[A] 107.2 Construction documents. *Construction documents*shall be in accordance with Sections 107.2.1 through ~~107.2.6~~ 107.2.7.

Add new text as follows:

107.2.7 Certifications where painted surfaces are disturbed Where repair, alteration, or addition being performed in a Group R-2, R-3, or R-4 occupancy built before 1978 is covered by the Lead Renovation, Repair, and Painting rule at 40 CFR 745 or a state program authorized by that rule, and will disturb painted surfaces, the construction documents shall include a copy of the firm's certificate to conduct the disturbance activities under the applicable rule.
Exception: The occupancy is not a target housing or child-occupied facility as defined by 40 CFR Part 745.

2015 International Existing Building Code

Revise as follows:

[A] 106.2 Construction documents. Construction documents shall be in accordance with Sections 106.2.1 through ~~106.2.5~~ 106.2.6.

Add new text as follows:

106.2.6 Certifications where painted surfaces are disturbed. Where repair, alteration, or addition being performed in a Group R-2, R-3, or R-4 occupancy built before 1978 is covered by the Lead Renovation, Repair, and Painting rule at 40 CFR 745 or a state program authorized by that rule, and will disturb painted surfaces, the construction documents shall include a copy of the firm's certificate to conduct the disturbance activities under the applicable rule.
Exception: The occupancy is not a target housing or child-occupied facility as defined by 40 CFR Part 745.

Reference standards type:
Add new standard(s) as follows:

U.S. Environmental Protection Agency, 40 CFR 745 Lead-Based Paint Poisoning Prevention in Certain Residential Structures (2015)

Part II

2015 International Residential Code

Revise as follows:

R106.1.1 Information on construction documents. *Construction documents* shall be drawn upon suitable material. Electronic media documents are permitted to be submitted where *approved* by the *building official*. *Construction documents* shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations, as determined by the *building official.* Where repair, alteration, or addition being performed in an occupancy built before 1978 is covered by the Lead Renovation, Repair, and Painting rule at 40 CFR 745 or a state program authorized by that rule, and will disturb painted surfaces, the construction documents shall include a copy of the firm's certificate to conduct the disturbance activities under the applicable rule.

Reference standards type:
Add new standard(s) as follows:

U.S. Environmental Protection Agency, 40 CFR 745 Lead-Based Paint Poisoning Prevention in Certain Residential

Structures (2015)

Reason: Since April 22, 2010, renovations performed for compensation in child-occupied facilities and housing built before 1978 must comply with federal requirements at 40 Code of Federal Regulations (CFR) Part 745 Subpart E, known as the Renovation, Repair and Painting (RRP) rules. While it was not a consensus process, the Environmental Protection Agency (EPA) adopted the rule in 2008 after considering more than 750 public comments,[1] completing a detailed cost-benefit analysis, and demonstrating that the rule would result in a net benefit to society.[2] As of December 31, 2014, 14 states[3] (Alabama, Delaware, Georgia, Iowa, Kansas, Massachusetts, Mississippi, North Carolina, Oklahoma, Oregon, Rhode Island, Utah, Washington, and Wisconsin) have adopted equivalent regulations and are responsible for administering the requirements. In the remaining 36 states, EPA is responsible for compliance and enforcement.

As of December 31, 2014, more than 130,000 firms have been certified by EPA or a state to perform work covered by the RRP rule.[4] More than 500,000 individuals have been certified to supervise the work on behalf of these lead-safe certified renovation firms. With these numbers, property owners have reasonable access to sufficient lead-safe certified renovation firms and certified renovators.

EPA has taken aggressive action to enforce the RRP rule. In 2014 alone, EPA took action against 61 renovators, as well as one home improvement chain, requiring compliance with the rule, and collecting more than $500,000 in fines.[5] The 14 EPA-authorized states have taken additional enforcement actions.

These enforcement actions highlight two challenges. First, people in the homes and child-occupied facilities were not adequately protected from lead hazards, especially lead in dust. Children are most vulnerable to lead because exposure can cause permanent harm to their brain development.[6] Second, renovators who are certified and complying with the rule are put at a serious competitive disadvantage against those who ignore or are unaware of the requirements.

Rather than focusing on enforcement, a better approach is to prevent the violations through education and planning and to level the playing field for the hundreds of thousands of renovators that consistently comply with the RRP rule. While state and local building code officials have no direct responsibilities to ensure compliance with these federal and state requirements, their role in administering the International Existing Building Code (IEBC) as required by Section 101.3 to "achieve compliance with minimum requirements to safeguard the public health, safety and welfare insofar as they are affected by the repair, alteration, change of occupancy, addition and relocation of existing buildings" is critical to educating contractors and identifying potential compliance problems so that children's health is protected. Similar provisions in the International Building Code (IBC) and the International Residential Code (IRC) make safeguard the public health, safety and general welfare a priority.

This proposal modifes the IEBC and IBC, by adding new sections 106.2.6 and 107.2.7 respectively that require permit applicants who are conducting activities covered by the rule to include, with their other construction documents, a copy of their lead-safe certified renovator certificate. It would only apply to Group R-2, R-3, and R-4 occupancies built before 1978 that are within the scope of the rule. An exception in the section makes clear that the requirement would only apply in child-occupied facilities, such as child-care centers, and housing other than those without a separate bedroom (known as zero-bedroom dwellings). It also modifies sections 106.2.6 of the IEBC and 107.2 of the IBC to include the new section.

To the IRC, it modifies section R106.1.1 to require permit applicants who are conducting activities covered by the rule to include, with the other construction documents, a copy of their lead-safe certified renovator certificate.

By requiring the documentation as part of the permitting process, renovators are alerted to the RRP requirements so that they can obtain the necessary training and certification before undertaking the work. They will also be reminded of their work practice compliance requirements under the RRP rule. This provision asks the code official to confirm that the person has submitted a copy of the certificate provided by EPA or the state. It does not ask the code official to enforce the federal rule. Because it is not a technical requirement, it is appropriate to include in Chapter 1 for administrative requirements.

This oversight will help to level the playing field between contractors who are complying with the rule and those who are under-pricing and undercutting their competitors by not complying with the law, whether intentionally or out of ignorance. By merely asking an applicant for the missing documents, the code official can influence those not following the law into compliance before the work even starts.

Compliance is important because renovation of painted surfaces in pre-1978 housing is a significant source of lead dust that poisons children. The dangers associated with lead poisoning are well known: serious health effects, detrimental effects on cognitive and behavioral development, with serious personal and social consequences that may persist throughout their lifetime.[6]

There is no safe level of lead exposure for children; even low levels of lead exposure can damage intelligence.[6]

Bibliography: [1] Lead Renovation, Repair, and Painting Program Docket, U.S. Environmental Protection Agency, accessed January 7, 2015, http://www.regulations.gov/#!docketBrowser;rpp=25;po=0;dct=PS;D=EPA-HQ-OPPT-2005-0049.

[2] Lead Renovation, Repair, and Painting Program OMB Review Under Executive Order 12866, U.S. Environmental Protection Agency, http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPPT-2005-0049-1438.

[3] Locate Certified Renovation and Lead Dust Sampling Technician Firms, U.S. Environmental Protection Agency, accessed January 7, 2014, http://cfpub.epa.gov/flpp/searchrrp_firm.htm.

[4] Fiscal Year 2015, Justification of Appropriation Estimates for the Committee on Appropriations, USEPA, 2014, EPA-190-R-14-002, page 480-482, www.epa/gov./ocfo.

[5] EPA Takes Action to Protect Public from Harmful Lead Exposure, U.S. Environmental Protection Agency, 2014, http://yosemite.epa.gov/opa/admpress.nsf/bd4379a92ceceeac8525735900400c27/4d5ce2ba2475c83485257db30058c496%21OpenDocument.

6 CDC Response to Advisory Committee on Childhood Lead Poisoning Prevention Recommendations in "Low Level Lead Exposure Harms Children: A Renewed Call of Primary Prevention, Centers for Disease Control and Prevention, 2012, www.cdc.gov/nceh/lead/acclpp/cdc_response_lead_exposure_recs.pdf.

Cost Impact: Will not increase the cost of construction

Renovators are already required to comply with the RRP rule. This proposal will simply require that the construction documentation submitted to the building code official include the certificate demonstrating that the firm is a lead-safe certified renovation firm. Under the rule, the renovation firm is required to possess these certifications at the work site. Therefore, including them in the construction documentation should not affect construction costs.

The economic benefits from this rule are substantial. Authorizing a code official to be able to ask for the certificates should prompt property owners to select the certified renovation firms that can provide the necessary documents. To become certified, the renovators had

to complete a training course successfully and demonstrate that they have the knowledge to perform the work safely. The firms and the renovators also commited to complying with the rule.

The renovations performed by certified individuals and firms should be done more safely. Consistent with the rule, they will avoid making excessive lead-contaminated dust, contain the dust they incidentally make, clean up any dust residues, and pass a wipe test they administer. In justifying the rule, the EPA demonstrated that these methods will result in fewer children with high levels of lead in their blood. As a result, children are less likely to suffer harm from lead-contaminated dust.

The rule may actually lower the costs of construction by avoiding the costs of expensive clean-ups when a renovation firm lacking the training and certification creates lead-contaminated dust that remains after the renovations are done. Once dust is spread throughout a home, it is difficult and expensive to cleanup.

Analysis: A review of the standard(s) proposed for inclusion in the code,40 CFR Part 745, with regard to the ICC criteria for referenced standards (Section 3.6 of CP#28) will be posted on the ICC website on or before April 1, 2016.

ADM78-16 : 106.2.6 (New)-WILSON5193

ADM79-16

IFC: 107.6 (New)

Proponent : Tim Knorr, Los Angeles County Fire Department, representing Los Angeles County Fire Department

THIS CODE CHANGE WILL BE HEARD BY THE FIRE CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THIS COMMITTEE.

2015 International Fire Code

Add new text as follows:

107.6 Occupant Count When required by the fire code official, the permittee holding a place of assembly operational permit shall use an approved method to maintain an accuate count of the number of occupants present in a place of an assembly room, including any accessory areas. If at any time the fire code official determines that an accurate count of occupants is not being maintained by the permittee, the assembly room and accessory areas shall be cleared of occupants until an accurate occupant count can be made.

Reason: Occupant load count is critical and it is the responsibility of the occupant owner to maintain it.

Cost Impact: Will not increase the cost of construction
There will be no cost to constructuion as this is an administrative addition only.

ADM79-16 : 107.6 (NEW)-KNORR13314

ADM80-16

Part I:
IBC: 109; IEBC: 108; IFC: 106(New), 113; IFGC: 106.6, 107(New); IMC: 106.5, 107(New; IPC 106.6, 107(New); IPMC: 103.5, 104(New); IPSDC: 106.4, 107(New); ISPSC: 105.6, 106(New); IWUIC: 112; IZC: 102;
Part II:
IECC-CE: C107
Part III:
IECC-RE: R107
Part IV:
IRC: R108

THIS IS A 4 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. PART IV WILL BE HEARD BY THE RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Carroll Pruitt (cpruitt@pruittconsulting.com)

Part I

2015 International Building Code

Revise as follows:

SECTION 109 FEES

[A] 109.1 Payment of fees. A *permit*shall not be valid until the fees prescribed ~~by law~~ in Section 109.2 have been paid~~, nor shall an~~ . An amendment to a *permit*shall not be released until the additional fee, if any, has been paid.

[A] 109.2 Schedule of permit fees. ~~On buildings, structures, electrical, gas, mechanical, and plumbing systems or *alterations* requiring~~
Where work requires a *permit*, a fee for each *permit*shall be paid as required, in accordance with the schedule as established by the applicable governing authority.

[A] 109.3 ~~Building permit~~ Permit valuations. The applicant for a *permit*shall provide an estimated *permit*value at time of application. *Permit*valuations shall include total value of work, including materials and labor, for which the *permit*is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If, in the opinion of the *building official*, the valuation is underestimated on the application, the *permit*shall be denied, unless the applicant can show detailed estimates to meet the approval of the *building official*. Final ~~building~~ *permit*valuation shall be set by the *building official*.

[A] 109.4 Work commencing before permit issuance. Any person who commences ~~any~~ work ~~on a building, structure, electrical, gas, mechanical or plumbing system~~ before obtaining the necessary ~~*permits*~~ permits shall be subject to a fee established by the ~~*building official*~~ applicable governing authority that shall be in addition to the required *permit*fees.

[A] 109.5 Related fees. The payment of the fee for the construction, *alteration*, removal or demolition for work done in connection to or concurrently with the work authorized by a ~~building~~ *permit*shall not relieve the applicant or holder of the *permit*from the payment of other fees that are prescribed by law.

[A] 109.6 Refunds. The ~~*building official*~~ applicable governing authority is authorized to establish a refund policy.

2015 International Existing Building Code

Revise as follows:

SECTION 108 FEES

[A] 108.1 Payment of fees. A ~~permit~~ *permit* shall not be valid until the fees prescribed ~~by law~~ in Section 108.2 have been paid. ~~Nor shall an~~ An amendment to a ~~permit~~*permit* shall not be released until the additional fee, if any, has been paid.

[A] 108.2 Schedule of permit fees. ~~On buildings, electrical, gas, mechanical, and plumbing systems or *alterations* requiring~~
Where work requires a permit, a fee for each permit shall be paid as required in accordance with the schedule as established by the applicable governing authority.

[A] 108.3 ~~Building permit~~ Permit valuations. The applicant for a permit shall provide an estimated permit value at time of application. Permit valuations shall include total value of work including materials and labor for which the permit is being issued, such as electrical, gas, mechanical, plumbing equipment, and permanent systems. If, in the opinion of the *code official*, the valuation is underestimated on the application, the permit shall be denied unless the applicant

can show detailed estimates to meet the approval of the *code official*. Final ~~building~~ permit valuation shall be set by the *code official*.

[A] 108.4 Work commencing before permit issuance. Any person who commences ~~any~~ work before obtaining the necessary permits shall be subject to ~~an additional~~ a fee established by the ~~*code official*~~ applicable governing authority that shall be in addition to the required ~~permit~~*permit* fees.

[A] 108.5 Related fees. The payment of the fee for the construction, *alteration*, removal, or demolition of work done in connection to or concurrently with the work authorized by a ~~building~~ permit shall not relieve the applicant or holder of the permit from the payment of other fees that are prescribed by law.

[A] 108.6 Refunds. The ~~*code official*~~ applicable governing authority is authorized to establish a refund policy.

2015 International Fire Code

Revise as follows:

~~113~~ 106 ~~113~~ 106 FEES

[A] ~~113.1~~ 106.1 ~~Fees~~ Payment of fees. A ~~permit~~ *permit* shall not be ~~issued~~ valid until the fees prescribed in Section 106.2 have been paid~~, nor shall an~~ . An amendment to a ~~permit~~*permit* shall not be released until the additional fee, if any, has been paid.

[A] ~~113.2~~ 106.2 Schedule of permit fees. ~~A~~
Where work requires a permit, a fee for each permit shall be paid as required, in accordance with the schedule as established by the applicable governing authority.

Add new text as follows:

[A] 106.3 Permit valuations. The applicant for a *permit* shall provide an estimated *permit* value at time of application. *Permit* valuations shall include total value of work, including materials and labor, for which the *permit* is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If, in the opinion of the *building official*, the valuation is underestimated on the application, the *permit* shall be denied, unless the applicant can show detailed estimates to meet the approval of the *code official*. Final *permit* valuation shall be set by the *code official*.

Revise as follows:

[A] ~~113.3~~ 106.4 Work commencing before permit issuance. A person who commences any work, activity or operation regulated by this code before obtaining the necessary permits shall be subject to ~~an additional~~ a fee established by the applicable governing authority, ~~which~~ that shall be in addition to the required permit fees.

[A] ~~113.4~~ 106.5 Related fees. The payment of the fee for the construction, *alteration*, removal or demolition of work done in connection to or concurrently with the work ~~or activity~~ authorized by a permit shall not relieve the applicant or holder of the permit from the payment of other fees that are prescribed by law.

[A] ~~113.5~~ 106.6 Refunds. The applicable governing authority is authorized to establish a refund policy..

2015 International Fuel Gas Code

Add new text as follows:

SECTION 107 FEES

Revise as follows:

[A] ~~106.6~~ 107.1 ~~Fees~~ Payment of fees. A ~~permit~~ *permit* shall not be ~~issued~~ valid until the fees prescribed in Section ~~106.6.2~~ 107.2 have been paid~~, nor shall an~~ . An amendment to a ~~permit~~*permit* shall not be released until the additional fee, if any, ~~due to an increase of the installation,~~ has been paid.

[A] ~~106.6.2~~ 107.2 ~~Fee schedule~~ Schedule of permit fees. ~~The fees~~ Where work requires a *permit*, a fee for ~~work~~ each *permit* shall be paid as ~~indicated~~ required, in accordance with the ~~following~~ schedule as established by the applicable governing authority.
~~**[JURISDICTION TO INSERT APPROPRIATE SCHEDULE]**~~

Add new text as follows:

[A] 107.3 Permit valuation. The applicant for a *permit* shall provide an estimated *permit* value at time of application. *Permit* valuations shall include total value of work, including materials and labor, for which the *permit* is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If, in the opinion of the *code official*, the valuation is underestimated on the application, the *permit* shall be denied, unless the applicant can show detailed estimates to meet the approval of the *code official*. Final *permit* valuation shall be set by the *code official*..

Revise as follows:

[A] ~~106.6.1~~ 107.4 Work commencing before permit issuance. Any person who commences any work ~~on an~~

~~installation~~ before obtaining the necessary permits shall be subject to 100 percent of the usual permit fee in addition to the required permit fees.

Add new text as follows:

[A] 107.5 Related fees. The payment of the fee for the construction, *alteration*, removal or demolition for work done in connection to or concurrently with the work authorized by a *permit* shall not relieve the applicant or holder of the *permit* from the payment of other fees that are prescribed by law.

Revise as follows:

[A] ~~106.6.3~~ 107.6 ~~Fee refunds~~ Refunds. The code official shall authorize the refunding of fees as follows..

1. The full amount of any fee paid hereunder that was erroneously paid or collected.
2. Not more than **[SPECIFY PERCENTAGE]**percent of the permit fee paid where work has not been done under a permit issued in accordance with this code.
3. Not more than **[SPECIFY PERCENTAGE]**percent of the plan review fee paid where an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.

The code official shall not authorize the refunding of any fee paid, except upon written application filed by the original permittee not later than 180 days after the date of fee payment.

2015 International Mechanical Code

Add new text as follows:

SECTION 107 FEES

Revise as follows:

[A] ~~106.5~~ 107.1 ~~Fees~~ Payment of fees. A ~~permit~~ *permit* shall not be ~~issued~~ valid until the fees prescribed in Section ~~106.5.2~~ 107.2 have been paid~~, nor shall an~~ . An amendment to a ~~permit~~*permit* shall not be released until the additional fee, if any, ~~due to an increase of the mechanical system,~~ has been paid.

[A] ~~106.5.2~~ 107.2 ~~Fee schedule~~ Schedule of pemit fees. ~~The fees~~ Where work requires a *permit*, a fee for ~~mechanical work~~ each *permit* shall be paid as ~~indicated~~ required, in accordance with the ~~following~~ schedule as established by the applicable governing authority.
~~**[JURISDICTION TO INSERT APPROPRIATE SCHEDULE]**~~

Add new text as follows:

[A] 107.3 Permit valuations. The applicant for a *permit* shall provide an estimated *permit* value at time of application. *Permit* valuations shall include total value of work, including materials and labor, for which the *permit* is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If, in the opinion of the *code official*, the valuation is underestimated on the application, the *permit* shall be denied, unless the applicant can show detailed estimates to meet the approval of the *code official*. Final *permit* valuation shall be set by the *code official*.

[A] ~~106.5.1~~ 107.4 Work commencing before permit issuance. Any person who commences work~~ on a mechanical system~~ before obtaining the necessary permits shall be subject to 100 percent of the usual permit fee in addition to the required permit fees.

[A] 107.5 Related fees. The payment of the fee for the construction, *alteration*, removal or demolition for work done in connection to or concurrently with the work authorized by a *permit* shall not relieve the applicant or holder of the *permit* from the payment of other fees that are prescribed by law.

Revise as follows:

[A] ~~106.5.3~~ 107.6 ~~Fee refunds~~ Refunds. The code official shall authorize the refunding of fees as follows..

1. The full amount of any fee paid hereunder which was erroneously paid or collected.
2. Not more than **[SPECIFY PERCENTAGE]**percent of the permit fee paid where work has not been done under a permit issued in accordance with this code.
3. Not more than **[SPECIFY PERCENTAGE]**percent of the plan review fee paid where an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.

The code official shall not authorize the refunding of any fee paid, except upon written application filed by the original permittee not later than 180 days after the date of fee payment.

2015 International Plumbing Code

Add new text as follows:

SECTION 107 FEES

Revise as follows:

[A] ~~106.6~~ 107.1 ~~Fees~~ Payment of fees. A ~~permit~~ *permit* shall not be ~~issued~~ valid until the fees prescribed in Section ~~106.6.2~~ 107.2 have been paid~~, and an~~ . An amendment to a ~~permit~~ *permit* shall not be released until the additional fee, if any, ~~due to an increase of the plumbing systems,~~ has been paid.

[A] ~~106.6.2~~ 107.2 ~~Fee schedule~~ Schedule of permit fees. ~~The fees~~ Where work requires a *permit*, a fee for ~~all plumbing work~~ each *permit* shall be paid as ~~indicated~~ required, in accordance with the ~~following~~ schedule~~:~~
~~**[JURISDICTION TO INSERT APPROPRIATE SCHEDULE]**~~
as established by the applicable governing authority.

Add new text as follows:

[A] 107.3 Permit valuations. The applicant for a *permit* shall provide an estimated *permit* value at time of application. *Permit* valuations shall include total value of work, including materials and labor, for which the *permit* is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If, in the opinion of the *code official*, the valuation is underestimated on the application, the *permit* shall be denied, unless the applicant can show detailed estimates to meet the approval of the *code official*. Final *permit* valuation shall be set by the *code official*.

Revise as follows:

[A] ~~106.6.1~~ 107.4 Work commencing before permit issuance. Any person who commences any work ~~on a plumbing system~~ before obtaining the necessary permits shall be subject to 100 percent of the usual permit fee in addition to the required permit fees. .

Add new text as follows:

[A] 107.5 Related fees. The payment of the fee for the construction, *alteration*, removal or demolition for work done in connection to or concurrently with the work authorized by a *permit* shall not relieve the applicant or holder of the *permit* from the payment of other fees that are prescribed by law.

Revise as follows:

[A] ~~106.6.3~~ 107.6 ~~Fee refunds~~ Refunds. The code official shall authorize the refunding of fees as follows:.

1. The full amount of any fee paid hereunder that was erroneously paid or collected.
2. Not more than **[SPECIFY PERCENTAGE]**percent of the permit fee paid where work has been done under a permit issued in accordance with this code.
3. Not more than **[SPECIFY PERCENTAGE]**percent of the plan review fee paid where an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.

The code official shall not authorize the refunding of any fee paid except upon written application filed by the original permittee not later than 180 days after the date of fee payment.

2015 International Property Maintenance Code

Add new text as follows:

SECTION 104 FEES

Revise as follows:

[A] ~~103.5~~ 104.1 ~~Fees~~ Schedule of fees. The fees for activities and services performed by the department in carrying out its responsibilities under this code shall be ~~as indicated~~ in accordance with the ~~following~~ schedule as establised by the appliable governing authority.
~~**[JURISDICTION TO INSERT APPROPRIATE SCHEDULE.]**~~

Add new text as follows:

[A] 104.2 Refunds. The applicable governing authority is authorized to establish a refund policy.

2015 International Private Sewage Disposal Code

Add new text as follows:

SECTION 107 FEES

Revise as follows:

[A] ~~106.4~~ 107.1 ~~Fees~~ Payment of fees. A ~~permit~~ *permit* shall not be ~~issued~~ valid until the fees prescribed in Section ~~106.4.2~~ 107.2 have been paid~~, and an~~ . An amendment to a ~~permit~~ *permit* shall not be released until the additional fee,

if any, ~~due to an increase of the *private sewage disposal system*,~~ has been paid.

[A] ~~106.4.2~~ 107.2 ~~Fee schedule~~ Schedule of permit fees. ~~The fees~~ Where work requires a *permit*, a fee for ~~all private sewage disposal work~~ each *permit* shall be paid as ~~indicated~~ required, in accordance with the ~~following~~ schedule~~:~~
~~**[JURISDICTION TO INSERT APPROPRIATE SCHEDULE]**~~ as established by the applicable governing authority.

Add new text as follows:

[A] 107.3 Permit valuations. The applicant for a *permit* shall provide an estimated *permit* value at time of application. *Permit* valuations shall include total value of work, including materials and labor, for which the *permit* is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If, in the opinion of the *code official*, the valuation is underestimated on the application, the *permit* shall be denied, unless the applicant can show detailed estimates to meet the approval of the *code official*. Final *permit* valuation shall be set by the *code official*.

Revise as follows:

[A] ~~106.4.1~~ 107.4 Work commencing before permit issuance. Any person who commences any work ~~on a *private sewage disposal system*~~ before obtaining the necessary permits shall be subject to 100 percent of the usual permit fee in addition to the required permit fees.

Add new text as follows:

[A] 107.5 Related fees. The payment of the fee for the construction, *alteration*, removal or demolition for work done in connection to or concurrently with the work authorized by a *permit* shall not relieve the applicant or holder of the *permit* from the payment of other fees that are prescribed by law.

Revise as follows:

[A] ~~106.4.3~~ 107.6 ~~Fee refunds~~ Refunds. The code official shall authorize the refunding of fees as follows:.

1. The full amount of any fee paid hereunder that was erroneously paid or collected.
2. Not more than **[SPECIFY PERCENTAGE]**percent of the permit fee paid when no work has been done under a permit issued in accordance with this code.
3. Not more than **[SPECIFY PERCENTAGE]**percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.

The code official shall not authorize the refunding of any fee paid except upon written application filed by the original permittee no later than 180 days after the date of fee payment.

2015 International Swimming Pool and Spa Code

Add new text as follows:

SECTION 106 FEES

Revise as follows:

[A] ~~105.6~~ 106.1 ~~Fees~~ Payment of fees. A ~~permit~~ *permit* shall not be valid until the fees prescribed ~~by law~~ in Section 106.2 have been paid. An amendment to a ~~permit~~ *permit* shall not be released until the additional fee, if any, has been paid.

[A] ~~105.6.2~~ 106.2 ~~Fee schedule~~ Schedule of permit fees. ~~The fees~~ Where work requires a *permit*, a fee for ~~work~~ each *permit* shall be paid as ~~indicated~~ required, in accordance with the ~~following~~ schedule~~:~~
~~**[JURISDICTION TO INSERT APPROPRIATE SCHEDULE]**~~
as established by the applicable governing authority.

Add new text as follows:

[A] 106.3 Permit valuations. The applicant for a *permit* shall provide an estimated *permit* value at time of application. *Permit* valuations shall include total value of work, including materials and labor, for which the *permit* is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If, in the opinion of the *code official*, the valuation is underestimated on the application, the *permit* shall be denied, unless the applicant can show detailed estimates to meet the approval of the *code official*. Final *permit* valuation shall be set by the *code official*.

Revise as follows:

[A] ~~105.6.1~~ 106.4 Work commencing before permit issuance. Any person who commences ~~any~~ work ~~on a system~~ before obtaining the necessary permits shall be subject to a fee ~~as indicated in~~ established by the ~~adopted fee schedule and would~~ applicable governing authority that shall be in addition to the required ~~permit~~*permit* fees.

Add new text as follows:

[A] 106.5 Related fees. The payment of the fee for the construction, *alteration*, removal or demolition for work done in connection to or concurrently with the work authorized by a *permit* shall not relieve the applicant or holder of the *permit* from the payment of other fees that are prescribed by law.

Revise as follows:

[A] ~~105.6.3~~ 106.6 ~~Fee refunds~~ Refunds. The code official shall authorize the refunding of fees as follows:.

1. The full amount of any fee paid hereunder that was erroneously paid or collected.
2. Not more than **[SPECIFY PERCENTAGE]**percent of the permit fee paid when no work has been done under a permit issued in accordance with this code.
3. Not more than **[SPECIFY PERCENTAGE]**percent of the plan review fee paid when an application for a permit for which a plan review fee has been paid is withdrawn or canceled before any plan review effort has been expended.

The code official shall not authorize the refunding of any fee paid except upon written application filed by the original permittee not later than 180 days after the date of fee payment.

2015 International Wildland-Urban Interface Code

Revise as follows:

SECTION 112 FEES

[A] 112.1 ~~Fees~~ Payment of fees. A ~~permit~~ *permit* shall not be ~~issued~~ valid until the fees prescribed in Section 112.2 have been paid~~, nor shall an~~ . An amendment to a ~~permit~~*permit* shall not be released until the additional fee, if any, has been paid.

[A] 112.2 Schedule of permit fees. ~~A~~
Where work requires a permit, a fee for each permit shall be paid as required, in accordance with the schedule as established by the applicable governing authority.

Add new text as follows:

[A] 112.3 Permit valuations. The applicant for a *permit* shall provide an estimated *permit* value at time of application. *Permit* valuations shall include total value of work, including materials and labor, for which the *permit* is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If, in the opinion of the *code official*, the valuation is underestimated on the application, the *permit* shall be denied, unless the applicant can show detailed estimates to meet the approval of the *code official*. Final *permit* valuation shall be set by the *code official*.

Revise as follows:

[A] ~~112.3~~ 112.4 Work commencing before permit issuance. Any person who commences ~~any~~ work before obtaining the necessary permits shall be subject to ~~an additional~~ a fee established by the applicable governing authority~~, which~~ that shall be in addition to the required ~~permit~~*permit* fees.

[A] ~~112.4~~ 112.5 Related fees. The payment of the fee for the construction, ~~alteration~~*alteration*, removal or demolition of work done in connection to or concurrently with the work ~~or activity~~ authorized by a permit shall not relieve the applicant or holder of the permit from the payment of other fees that are prescribed by law.

[A] ~~112.5~~ 112.6 Refunds. The applicable governing authority is authorized to establish a refund policy..

2015 International Zoning Code

Revise as follows:

SECTION 102 FEES

[A] 102.1 ~~Fees~~ Payment of fees. A fee ~~for services~~ shall be charged for activities and services performed by the department in carrying out its ativies under this code . Fees shall be set by the ~~jurisdiction and~~ authority having applicable governing authority. A schedules shall be available at the office of the code official.

Add new text as follows:

[A] 102.2 Refunds. The applicable governing authority is authorized to establish a refund policy.

Part II

2015 International Energy Conservation Code

Revise as follows:

SECTION C107 FEES

C107.1 ~~Fees~~ Payment of fees. A ~~permit~~ *permit* shall not be ~~issued~~ valid until the fees prescribed in Section C107.2 have been paid~~, nor shall an~~ . An amendment to a ~~permit~~*permit* shall not be released until the additional fee, if any, has been paid.

C107.2 Schedule of permit fees. ~~A~~
Where work requires a permit, a fee for each permit shall be paid as required, in accordance with the schedule as established by the applicable governing authority.

Add new text as follows:

C107.3 Permit valuations. The applicant for a *permit* shall provide an estimated *permit* value at time of application. *Permit* valuations shall include total value of work, including materials and labor, for which the *permit* is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If, in the opinion of the *building official*, the valuation is underestimated on the application, the *permit* shall be denied, unless the applicant can show detailed estimates to meet the approval of the *code official*. Final *permit* valuation shall be set by the *code official*.

Revise as follows:

~~C107.3~~ C107.4 Work commencing before permit issuance. Any person who commences ~~any~~ work before obtaining the necessary permits shall be subject to ~~an additional~~ a fee established by the ~~*code official*~~applicable governing authority that shall be in addition to the required ~~permit~~*permit* fees.

~~C107.4~~ C107.5 Related fees. The payment of the fee for the construction, *alteration*, removal or demolition of work done in connection to or concurrently with the work ~~or activity~~ authorized by a permit shall not relieve the applicant or holder of the permit from the payment of other fees that are prescribed by law.

~~C107.5~~ C107.6 Refunds. The ~~*code official*~~applicable governing authority is authorized to establish a refund policy.

Part III

2015 International Energy Conservation Code

Revise as follows:

SECTION R107 FEES

R107.1 ~~Fees~~ Payment of fees. A ~~permit~~ *permit* shall not be ~~issued~~ valid until the fees prescribed in Section R107.2 have been paid~~, nor shall an~~ . An amendment to a ~~permit~~*permit* shall not be released until the additional fee, if any, has been paid.

R107.2 Schedule of permit fees. ~~A~~
Where work requires a permit, a fee for each permit shall be paid as required, in accordance with the schedule as established by the applicable governing authority.

Add new text as follows:

R107.3 Permit valuations. The applicant for a *permit* shall provide an estimated *permit* value at time of application. *Permit* valuations shall include total value of work, including materials and labor, for which the *permit* is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If, in the opinion of the *building official*, the valuation is underestimated on the application, the *permit* shall be denied, unless the applicant can show detailed estimates to meet the approval of the *code official*. Final *permit* valuation shall be set by the *code official*.

Revise as follows:

~~R107.3~~ R107.4 Work commencing before permit issuance. Any person who commences ~~any~~ work before obtaining the necessary permits shall be subject to ~~an additional~~ a fee established by the ~~*code official*~~applicable governing authority that shall be in addition to the required ~~permit~~*permit* fees.

~~R107.4~~ R107.5 Related fees. The payment of the fee for the construction, *alteration*, removal or demolition of work done in connection to or concurrently with the work ~~or activity~~ authorized by a permit shall not relieve the applicant or holder of the permit from the payment of other fees that are prescribed by law.

~~R107.5~~ R107.6 Refunds. The ~~*code official*~~applicable governing authority is authorized to establish a refund policy.

Part IV

2015 International Residential Code

Revise as follows:

SECTION R108 FEES

R108.1 Payment of fees. A *permit*shall not be valid until the fees prescribed ~~by law~~ in Section 108.2 have been paid~~, nor shall an~~ . An amendment to a *permit*shall not be released until the additional fee, if any, has been paid.

R108.2 Schedule of permit fees. ~~On buildings, structures, electrical, gas, mechanical and plumbing systems or *alterations* requiring~~
Where work requires a *permit*, a fee for each *permit* shall be paid as required, in accordance with the schedule as established by the applicable governing authority.

R108.3 ~~Building permit~~ Permit valuations. ~~Building~~
The applicant for a*permit* ~~valuation~~ shall provide an estimated *permit* value at time of application. *Permit* valuations shall include total value of ~~the~~ work , including materials and labor, for which ~~a~~ the*permit*is being issued, such as electrical, gas, mechanical, plumbing ~~*equipment*~~equipment and ~~other~~ permanent systems . If, ~~including materials and labor~~ in the opinion of the *building official*, the valuation is underestimated on the application, the *permit* shall be denied, unless the applicant can show detailed estimates to meet the approval of the *building official*. Final building *permit* valuation shall be set by the *building official*.

~~**R108.6**~~ **R108.4 Work commencing before permit issuance.** Any person who commences work ~~requiring a *permit* on a building, structure, electrical, gas, mechanical or plumbing system~~ before obtaining the necessary permits shall be subject to a fee established by the applicable governing authority that shall be in addition to the required *permit* fees.

~~**R108.4**~~ **R108.5 Related fees.** The payment of the fee for the construction, *alteration*, removal or demolition for work done in connection to or concurrently with the work authorized by ~~a building~~ *permit* shall not relieve the applicant or holder of the*permit* from the payment of other fees that are prescribed by law.

~~**R108.5**~~ **R108.6 Refunds.** The ~~*building official*~~applicable governing authority is authorized to establish a refund policy.

Reason: The main intent is to make the provisions for the administration of fees as consistent across the codes as appropriate.
Fees are part of another section in the IFGC, IMC, IPC, IPSDC, IPMC and ISPSC - so it is proposed that these requirements be made a separate section for consistency.

The following are the specific sections:

- Payment of fees – Revise to always have the same two sentence.
- Schedule of permit fees – IBC, IEBC, IRC has a laundry list. IECC, IFC, IWUIC has no list. IFGC, IMC, IPC, IPSDC, IPMC, ISPSC has space for insertion of specific schedule in the adoption. The governing authority should set the schedule, but should have the option to update between code adoptions. Therefore it is proposed to use consist language that allows for the jurisdiction to update the payment schedule and eliminates the laundry list.
- Permit valuation - This section is currently in IBC and IEBC. A similar version is in IRC. It is proposed to be added to IECC, IFC, IFGC, IMC, IPC, IPSDC, ISPSC and IWUIC. The commentary indicates that intent of this section is to require the applicant to provide figures, including materials and labor, for work for which the permit is sought. It allows for the code official to question those figures. This information should be provided for all permits.
- Work commencing before permit issuance – All codes have this section dealing with work performed without a permit. The intent is to provide consistent language.
    - Related fees - The section addresses that fees for permits may be in addition to other fees required by the jurisdiction. This section was in several of the codes and has been added to others.
- Refunds – Every code has a section to address refunds. Some of the codes have a specific criteria for refunds, others just say that they shall be established. For the codes that did not have a specific refund list, since the applicable governing authority (See the second section in each group) sets the fees, that same group should set the refund policy.
- The IZC and IPMC currently has a section on fees that is very limited. This proposal coordinates the existing language for fees and proposes to add the information for refunds. Given the unique nature of these codes, perhaps not all fee sections need to be replicated.

Cost Impact: Will not increase the cost of construction
This is a coordination item for fees requirements. There will be no change in construction requirements.

ADM80-16 : [A] 109.1-PRUITT11971

ADM81-16

IRC: R109.5 (New), R109.5.1 (New), R109.5.2 (New), R109.5.3 (New), R109.6 (New), R109.6.1 (New), R109.6.2 (New)

Proponent : Kevin Kalakay, State of Michigan, representing State of Michigan (kalakayk@michigan.gov)

THIS CODE CHANGE WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THIS COMMITTEE.

2015 International Residential Code

Add new text as follows:

R109.5 Testing. Installations shall be tested as required in this code and in accordance with Sections 109.5.1 through 109.5.3. Tests shall be made by the permit holder and observed by the code official.

R109.5.1 New, altered, extended or repaired installations. New installations and parts of existing installations which have been altered, extended, renovated or repaired shall be tested as prescribed herein to disclose leaks and defects.

R109.5.2 Apparatus, instruments, material and labor for tests. Apparatus, instruments, material and labor required for testing an installation or part thereof shall be furnished by the permit holder.

R109.5.3 Reinspection and testing. Where any work or installation does not pass any initial test or inspection, the necessary corrections shall be made to comply with this code. The work or installation shall then be resubmitted to the code official for inspection and testing.

R109.6 Approval. After the prescribed tests and inspections indicate that the work complies in all respects with this code, a notice of approval shall be issued by the code official.

R109.6.1 Revocation. The code official is authorized to, in writing, suspend or revoke a notice of approval issued under the provisions of this code wherever the notice is issued in error, or on the basis of incorrect information supplied, or where it is determined that the building or structure, premise or portion thereof is in violation of any ordinance or regulation or any of the provisions of this code.

R109.6.2 Temporary connection. The code official shall have the authority to authorize the temporary connection of the building or system to the utility source for the purpose of testing systems or for use under a temporary certificate of occupancy.

Reason: The proposed additional language is taken from sections dealing with testing and approval in other codes that is absent from the IRC. There is not a valid reason for tests to be observed in one type of building and not in another. The IRC should be consistent with the IFGC, IPC, IPSDC, IMC, IWUIC and ISPSC.

Cost Impact: Will not increase the cost of construction
The code already requires the test to be performed by the permit holder and can be observed by the code official at time of inspection.

ADM81-16 : R111.1 (New)-KALAKAY5019

ADM82-16

Part I:
IBC: [A] 110.1; IEBC: [A] 109.1; IFC: [A] 106.3; IFGC: [A] 107.1; IMC: [A] 107.1; IPC: [A] 107.1; IPSDC: [A] 107.1.1; ISPSC: [A] 106.1; IWUIC: [A] 109.1.1
Part II:
IECC-CE: C104.1
Part III:
IECC-RE: R104.1

THIS IS A 3 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Jeffrey Shapiro, representing Self (jeff.shapiro@intlcodeconsultants.com)

Part I

2015 International Building Code

Revise as follows:

[A] 110.1 General. Construction or work for which a *permit*is required shall be subject to inspection by the *building official*and such construction or work shall remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the *owner*or the owner's authorized agent to cause the work to remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes. Neither the *building official*nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Existing Building Code

Revise as follows:

[A] 109.1 General. Construction or work for which a permit is required shall be subject to inspection by the *code official*, and such construction or work shall remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes until approved. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the permit applicant to cause the work to remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes. Neither the *code official*nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Fire Code

Revise as follows:

[A] 106.3 Concealed work. It shall be the duty of the permit applicant to cause the work to remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes. Where any installation subject to inspection prior to use is covered or concealed without having first been inspected, the *fire code official*shall have the authority to require that such work be exposed and provided with access for inspection. Neither the *fire code official*nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Fuel Gas Code

Revise as follows:

[A] 107.1 General. The code official is authorized to conduct such inspections as are deemed necessary to determine compliance with the provisions of this code. Construction or work for which a permit is required shall be subject to inspection by the code official, and such construction or work shall remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid.

2015 International Mechanical Code

Revise as follows:

[A] 107.1 General. The code official is authorized to conduct such inspections as are deemed necessary to determine

compliance with the provisions of this code. Construction or work for which a permit is required shall be subject to inspection by the code official, and such construction or work shall remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid.

2015 International Plumbing Code

Revise as follows:

[A] 107.1 General. The code official is authorized to conduct such inspections as are deemed necessary to determine compliance with the provisions of this code. Construction or work for which a permit is required shall be subject to inspection by the code official, and such construction or work shall remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the permit applicant to cause the work to remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes. Neither the code official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Private Sewage Disposal Code

Revise as follows:

[A] 107.1.1 Concealed work. It shall be the duty of the permit applicant to cause the work to remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes. Neither the code official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Swimming Pool and Spa Code

Revise as follows:

[A] 106.1 General. Construction or work for which a permit is required shall be subject to inspection by the code official and such construction or work shall remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. Neither the code official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Wildland-Urban Interface Code

Revise as follows:

[A] 109.1.1 General. Construction or work for which a permit is required by this code shall be subject to inspection by the code official and such construction or work shall remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes until *approved*by the code official.

It shall be the duty of the permit applicant to cause the work to remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes. Neither the code official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid.

Where required by the code official, a survey of the lot shall be provided to verify that the mitigation features are provided and the building or structure is located in accordance with the *approved*plans.

Part II

2015 International Energy Conservation Code

Revise as follows:

C104.1 General. Construction or work for which a permit is required shall be subject to inspection by the *code official* or his or her designated agent, and such construction or work shall remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes until *approved*. It shall be the duty of the permit applicant to cause the work to remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes. Neither the *code official* nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material, product, system or building component required to allow inspection to validate compliance with this code.

Part III

2015 International Energy Conservation Code

Revise as follows:

R104.1 General. Construction or work for which a permit is required shall be subject to inspection by the code official or his or her designated agent, and such construction or work shall remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes until *approved*. It shall be the duty of the permit applicant to cause the work to remain ~~accessible~~ exposed and ~~exposed~~ provided with access for inspection purposes. Neither the *code official* nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material, product, system or building component required to allow inspection to validate compliance with this code.

Reason: Staff identified a concern with the use of the term "accessible" in these sections because of the potential confusion with use of the defined term "accessible," which requires compliance with Chapter 11 of the IBC. Clearly, that is not the intent of any ICC code, and this proposal is submitted to simply substitute alternative text to eliminate use of the term "accessible" while not changing how the code is intended to apply, which is to require that an inspector be able to readily view and gain access to things that require inspection.

Cost Impact: Will not increase the cost of construction
The proposed revision is considered to be editorial and should have no impact on the cost of construction.

ADM82-16 : [A] 110.1-SHAPIRO12961

ADM83-16

IBC: [A] 110.1; IEBC [A] 109.1; IFGC: [A] 107.1; IMC: [A] 107.1; IPC: [A] 107.1; IPSDC: [A] 107.1.1; ISPSC: [A] 106.1

Proponent : Edward Kulik, representing Building Code Action Committee (BCAC@iccsafe.org); Janine Snyder, ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC@iccsafe.org)

2015 International Building Code

Revise as follows:

[A] 110.1 General. Construction or work for which a *permit*is required shall be subject to inspection by the *building official*and such construction or work shall remain~~ accessible and~~ exposed for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the *owner*or the owner's authorized agent to cause the work to remain ~~accessible and~~ exposed for inspection purposes. Neither the *building official*nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Existing Building Code

Revise as follows:

[A] 109.1 General. Construction or work for which a permit is required shall be subject to inspection by the *code official*, and such construction or work shall remain~~ accessible and~~ exposed for inspection purposes until approved. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the permit applicant to cause the work to remain ~~accessible and~~ exposed for inspection purposes. Neither the *code official*nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Fuel Gas Code

Revise as follows:

[A] 107.1 General. The code official is authorized to conduct such inspections as are deemed necessary to determine compliance with the provisions of this code. Construction or work for which a permit is required shall be subject to inspection by the code official, and such construction or work shall remain~~ accessible and~~ exposed for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid.

2015 International Mechanical Code

Revise as follows:

[A] 107.1 General. The code official is authorized to conduct such inspections as are deemed necessary to determine compliance with the provisions of this code. Construction or work for which a permit is required shall be subject to inspection by the code official, and such construction or work shall remain~~ accessible and~~ exposed for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid.

2015 International Plumbing Code

Revise as follows:

[A] 107.1 General. The code official is authorized to conduct such inspections as are deemed necessary to determine compliance with the provisions of this code. Construction or work for which a permit is required shall be subject to inspection by the code official, and such construction or work shall remain~~ accessible and~~ exposed for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the permit applicant to cause the work to remain ~~accessible and~~ exposed for inspection purposes. Neither the code official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Private Sewage Disposal Code

Revise as follows:

[A] 107.1.1 Concealed work. It shall be the duty of the permit applicant to cause the work to remain ~~accessible and~~ exposed for inspection purposes. Neither the code official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Swimming Pool and Spa Code

Revise as follows:

[A] 106.1 General. Construction or work for which a permit is required shall be subject to inspection by the code official and such construction or work shall remain ~~accessible and~~ exposed for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the permit applicant to cause the work to remain ~~accessible and~~ exposed for inspection purposes. Neither the code official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

Reason: The term 'accessible' is defined in the IBC and relates to elements and facilities that serve or have special accommodations for persons with mobility impairments. This will clarify that the provisions are to require subject to inspections to be exposed to allow for inspections, not accessibility for persons with disabilities.
Similar revisions to IFC Section 106.3 and IWUIC Section 109.1.1 are not part of this proposal because these codes are outside to scope of the BCAC and PMGCAC committees.

This proposal is submitted by the ICC Building Code Action Committee (BCAC) and the ICC Plumbing, Mechanical and Fuel Gas Code Action Committee (PMGCAC).

BCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. In 2014 and 2015 the BCAC has held 5 open meetings. In addition, there were numerous Working Group meetings and conference calls for the current code development cycle, which included members of the committee as well as any interested party to discuss and debate the proposed changes. Related documentation and reports are posted on the BCAC website at: **BCAC**

The PMGCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes or portions thereof. This includes both the technical aspects of the codes and the code content in terms of scope and application of referenced standards. The PMGCAC has held one open meeting and multiple conference calls which included members of the PMGCAC. Interested parties also participated in all conference calls to discuss and debate the proposed changes.

Cost Impact: Will not increase the cost of construction
No cost increase as this is an editorial clarification to remove redundant language.

ADM83-16 : [A] 110.1-KULIK11506

ADM84-16

Part I:
IBC: [A] 110.1; IEBC: [A] 109.1; IFC: [A] 106.3; IFGC: [A] 107.1; IMC: [A] 107.1; IPC: [A] 107.1; IPSDC: [A] 107.1.1; ISPSC: [A] 106.1; IWUIC: [A] 109.1.1
Part II:
IECC-CE: C104.1
Part III:
IECC-RE: R104.1

THIS IS A 3 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Marcelo Hirschler, representing GBH International (gbhint@aol.com)

Part I

2015 International Building Code

Revise as follows:

[A] 110.1 General. Construction or work for which a *permit*is required shall be subject to inspection by the *building official*and such construction or work shall remain accessible ~~and~~ or exposed for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the *owner*or the owner's authorized agent to cause the work to remain accessible ~~and~~ or exposed for inspection purposes. Neither the *building official*nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Existing Building Code

Revise as follows:

[A] 109.1 General. Construction or work for which a permit is required shall be subject to inspection by the *code official*, and such construction or work shall remain accessible ~~and~~ or exposed for inspection purposes until approved. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the permit applicant to cause the work to remain accessible ~~and~~ or exposed for inspection purposes. Neither the *code official*nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Fire Code

Revise as follows:

[A] 106.3 Concealed work. It shall be the duty of the permit applicant to cause the work to remain accessible ~~and~~ or exposed for inspection purposes. Where any installation subject to inspection prior to use is covered or concealed without having first been inspected, the *fire code official*shall have the authority to require that such work be accessible or exposed for inspection. Neither the *fire code official*nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Fuel Gas Code

Revise as follows:

[A] 107.1 General. The code official is authorized to conduct such inspections as are deemed necessary to determine compliance with the provisions of this code. Construction or work for which a permit is required shall be subject to inspection by the code official, and such construction or work shall remain accessible ~~and~~ or exposed for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid.

2015 International Mechanical Code

Revise as follows:

[A] 107.1 General. The code official is authorized to conduct such inspections as are deemed necessary to determine compliance with the provisions of this code. Construction or work for which a permit is required shall be subject to inspection by the code official, and such construction or work shall remain accessible ~~and~~ or exposed for inspection

purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid.

2015 International Plumbing Code

Revise as follows:

[A] 107.1 General. The code official is authorized to conduct such inspections as are deemed necessary to determine compliance with the provisions of this code. Construction or work for which a permit is required shall be subject to inspection by the code official, and such construction or work shall remain accessible ~~and~~ or exposed for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the permit applicant to cause the work to remain accessible ~~and~~ or exposed for inspection purposes. Neither the code official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Private Sewage Disposal Code

Revise as follows:

[A] 107.1.1 Concealed work. It shall be the duty of the permit applicant to cause the work to remain accessible ~~and~~ or exposed for inspection purposes. Neither the code official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Swimming Pool and Spa Code

Revise as follows:

[A] 106.1 General. Construction or work for which a permit is required shall be subject to inspection by the code official and such construction or work shall remain accessible ~~and~~ or exposed for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the permit applicant to cause the work to remain accessible ~~and~~ or exposed for inspection purposes. Neither the code official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

2015 International Wildland-Urban Interface Code

Revise as follows:

[A] 109.1.1 General. Construction or work for which a permit is required by this code shall be subject to inspection by the code official and such construction or work shall remain accessible ~~and~~ or exposed for inspection purposes until *approved*by the code official.

It shall be the duty of the permit applicant to cause the work to remain accessible ~~and~~ or exposed for inspection purposes. Neither the code official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid.

Where required by the code official, a survey of the lot shall be provided to verify that the mitigation features are provided and the building or structure is located in accordance with the *approved*plans.

Part II

2015 International Energy Conservation Code

Revise as follows:

C104.1 General. Construction or work for which a permit is required shall be subject to inspection by the *code official* or his or her designated agent, and such construction or work shall remain accessible ~~and~~ or exposed for inspection purposes until *approved*. It shall be the duty of the permit applicant to cause the work to remain accessible ~~and~~ or exposed for inspection purposes. Neither the *code official* nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material, product, system or building component required to allow inspection to validate compliance with this code.

Part III

2015 International Energy Conservation Code

Revise as follows:

R104.1 General. Construction or work for which a permit is required shall be subject to inspection by the code official or his or her designated agent, and such construction or work shall remain accessible ~~and~~ or exposed for inspection purposes until *approved*. It shall be the duty of the permit applicant to cause the work to remain accessible ~~and~~ or exposed for inspection purposes. Neither the *code official* nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material, product, system or building component required to allow inspection to validate compliance with this code.

Reason: Revising the word "and" to the word "or" in terms of "accessible and exposed" to "accessible or exposed" ensures that there is no potential safety issue with something having to be exposed always when it can be available for inspection if easily openable closure mechanisms that the inspector can open exist as they would not affect his/her ability to inspect. Potential safety issues arise if an electrical system remains exposed awaiting inspection and that be resolved by a simple door or some other mechanism that the inspector has access to. Also, roofing systems may be affected by the elements while awaiting inspection if they have to remain exposed when, again, a simple cover that allows access to the inspector would protect them. I understand that this refers to fewer cases than those that requires inspection but it is a safety issue easily resolved.
The term 'accessible' is defined in the IBC and relates to elements and facilities that serve or have special accommodations for persons with mobility impairments. This proposed change will not clarify that the requirements for work to be subject to inspections is in any way related to accessibility for persons with disabilities.This could be addressed, if necessary, by an added change. One way of doing that is by adding definitions of accessible and readily accessible to the IFC and this has been done in another proposal.

Cost Impact: Will not increase the cost of construction
No code requirements are being revised that will affect the construction. The change will affect inspections only. This change will provide added safety without adding cost by providing options for accessibility to work before inspection.

ADM84-16 : [A] 110.1-HIRSCHLER12634

ADM85-16

Part I:
IBC: [A] 110.1, 110.7 (New), Chapter 35; IEBC: [A] 109.1, 109.7 (New), Chapter 16
Part II:
IRC: R109.5 (New), Chapter 44

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Jonathan Wilson, National Center for Healthy Housing, representing National Center for Healthy Housing (jwilson@nchh.org); Joan Ketterman representing Improving Kids' Environment (joan.ketterman@envtlmgmt.org); Steve Weil representing the Lead and Environmental Hazard Association (weilcm2@verizon.net); and Jack Leonard representing the Environmental Management Institute (indyjel@gmail.com).

Part I

2015 International Building Code

Revise as follows:

[A] 110.1 General. Construction or work for which a *permit*is required shall be subject to inspection by the *building official*and such construction or work shall remain accessible and exposed for inspection purposes until *approved*. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the *owner*or the owner's authorized agent to cause the work to remain accessible and exposed for inspection purposes and, upon reasonable request by a *building official*, make available records that the owner or agent is required to maintain. Neither the *building official*nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

Add new text as follows:

110.7 Access to required records. Upon reasonable request by the *building official*, the *owner* or the owner's duly authorized agent shall make available to the *building official* records that the permit applicant is required to maintain. The official may make a request before, during, or after an inspection. The records include:

1. Relevant laws, ordinances, rules, and regulations.
2. Manufacturer's installation instructions.
3. Documents that a lead-safe certified renovation firm must maintain for repair, alteration or addition activities disturbing paint surfaces in an occupancy built before 1978 covered by the Lead Renovation, Repair and Painting rule at 40 CFR Section 745.86 or a state program authorized by 40 CFR Part 745.

2015 International Existing Building Code

Revise as follows:

[A] 109.1 General. Construction or work for which a permit is required shall be subject to inspection by the *code official*, and such construction or work shall remain accessible and exposed for inspection purposes until approved. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the holder of the building permit ~~applicant~~ or holder's duly authorized agent to cause the work to remain accessible and exposed for inspection purposes and, upon reasonable request by a *code official*, make available records that the holder is required to maintain. Neither the *code official*nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

Add new text as follows:

109.7 Access to required records. Upon reasonable request by the *code official*, the holder of the building permit or the holder's duly authorized agent shall make available to the *code official* records that the permit applicant is required to maintain. The official may make a request before, during, or after an inspection. These records include:

1. Relevant laws, ordinances, rules, and regulations.
2. Manufacturer's installation instructions.
3. Documents that a lead-safe certified renovation firm must maintain for repair, alteration or addition activities disturbing paint surfaces in an occupancy built before 1978 covered by the Lead Renovation, Repair and Painting rule at 40 CFR Section 745.86 or a state program authorized by 40 CFR Part 745.

Reference standards type:

Add new standard(s) as follows:
U.S. Environmental Protection Agency, 40 CFR Part 745 Lead-based Paint Poisoning Prevention in Certain Residential Structures(2015)

Part II

2015 International Residential Code

Add new text as follows:

R109.5 Access to required records. Upon reasonable request by the *building official*, the *permit* holder or its duly authorized agent agent shall provide the official with records that person is required to maintain. The official may make a request before, during, or after an inspection. These records include:

1. Relevant laws, ordinances, rules, and regulations.
2. Manufacturer's installation instructions that must be available at the job site pursuant to R106.1.2.
3. Documents that a lead-safe certified renovation firm must maintain for repair, alteration or addition activities disturbing paint surfaces in an occupancy built before 1978 covered by the Lead Renovation, Repair and Painting rule at 40 CFR Section 745.86 or a state program authorized by 40 CFR Part 745.

Reference standards type:
Add new standard(s) as follows:
U.S. Environmental Protection Agency, 40 CFR Part 745 Lead-based Paint Poisoning Prevention in Certain Residential Structures(2015)

Reason:

This proposal modifies the inspection sections of the International Building Code (IBC), the International Residential Code (IRC) and the International Existing Building Code (IEBC) to ensure that the code official has access to records that the permit holder is required to maintain as part of the official's inspection program. The proposal:

- Modifies sections 110.1 of IBC and 109.1 of IEBC to explicitly ensure that the official, during an inspection, has access to records that the owner or agent are required to maintain.
- Adds new sections 110.7 to IBC, 109.7 to IEBC, and R109.5 of IRC to ensure the offical has access to supporting documents that not are part of the approved construction documents but may be useful to the official, even outside the context of an on-site inspection.

The proposal gives three distinct examples of the important types of documents that must be made available to the code official. The first type of dcuments are the relevant laws, ordinances, rules and regulations per sections 107.2.1 of the IBC, 106.2.1 of the IEBC, and R106.1.1 of the IRC. These are not a mandatory part of the construction documents but must be consulted to develop the documents. They may be useful to the inspector to have a copy of the version used by the permit holder to resolve questions.

The second type of documents are the manufacturer's installation instructions for the equipment actually installed since those may vary from the version that was provided in the approved construction documents in the IEBC and IBC or where a question arises whether the equipment was properly installed and the official has already left the job site. The IRC at section R106.1.2 only requires those instructions be available on the job site at the time of inspection.

The third type of documents are records required to be maintained by lead-safe certified renovation firms pursuant to federal requirements at 40 Code of Federal Regulations (CFR) Part 745 Subpart E, known as the Renovation, Repair and Painting (RRP) rule. The proponents highlight this a relevant example of required records that the code official should be able to access. Should the code official have questions about whether the job site has lead hazards that may threaten the official's health, the health of people working on the site, or those who may use the structure after the work is complete, these documents will provide information useful to answering those questions. While many projects undertaken pursuant to a construction permit may not affect housing built before 1978, enough do that it warrants specific mention.

Since April 22, 2010, lead-safe renovation firms have been required to maintain these records for three years following completion of work. If the U.S. Environmental Protection Agency (EPA) or a duly authorized state agency have access to these records, it seems reasonable that the building code official have access as well. Compliance with the RRP rule is important because renovation of painted surfaces in pre-1978 housing is a significant source of lead dust that poisons children and can harm adults as well. The dangers associated with lead poisoning are myriad and widely recognized. They include impaired cognitive and behavioral development in children with serious personal and social consequences that may persist throughout their lifetime.[1] There is no safe level of lead exposure for children; even low levels of lead exposure can damage intelligence.[1] The special education costs for a child with lead poisoning have been conservatively estimated to be $38,000 over just three years.[1]

The Environmental Protection Agency (EPA) adopted the RRP rule in 2008 after completing a rigorous federal rulemaking process established by Congress. In making its decision, EPA considered more than 750 public comments,[2] completed a detailed cost-benefit analysis, and demonstrated that the rule would result in a net benefit to society.[3] EPA followed essentially the same process followed by the Consumer Products Safety Commission (CPSC), the Department of Justice (DOJ), the Department of Labor (DOL), the Department of Transportation (DOT) and the Department of Housing and Urban Development (HUD) to adopt the thirteen CFR parts and sections currently referenced in the International Building Code (IBC).

This proposal does not in any way require a code official to interpret or enforce state or federal lead-safe renovation regulations. It only provides the code official with access should the official choose to make a request.

See http://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title40/40cfr745_main_02.tpl. This reference standard is needed because it provides the authority for EPA or an authorized state or tribe to require lead-safe renovation firms to maintain records. It also describes the records that must be maintained.

Bibliography:

[1] Long-term costs of lead poisoning: How much can New York save by stopping lead?, Korfmacher KS., 2003, University of Rochester; 2003, www.publichealthreports.org/issueopen.cfm?articleID=1476.

[2] Lead Renovation, Repair, and Painting Program Docket, U.S. Environmental Protection Agency, accessed January 8, 2016, http://www.regulations.gov/#!docketBrowser;rpp=25;po=0;dct=PS;D=EPA-HQ-OPPT-2005-0049.

[3] Lead Renovation, Repair, and Painting Program OMB Review Under Executive Order 12866, U.S. Environmental Protection Agency, 2008, http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPPT-2005-0049-1438.

[4] EPA Lead-Safe Certification Program, U.S. Environmental Protection Agency, accessed January 8, 2016, http://www.epa.gov/lead/getcertified.

[5] United States Environmental Protection Agency Fiscal Year 2016 Justification of Appropriation Estimates for the Committee on Appropriations, U.S. Environmental Protection Agency, EPA-190-R-15-001 February 2015, pages 68 of 106 in PDF, http://www2.epa.gov/sites/production/files/2015-02/documents/fy_2014_apr.pdf.

Cost Impact: Will not increase the cost of construction

This proposal will only provide access to records that must already be maintained by the permit holder. It does not require the permit holder to create new documents or maintain additional documents. The holder must only respond to the code official's reasonable requests.

Analysis: A review of the standard(s) proposed for inclusion in the code,40 CFR Part 745, with regard to the ICC criteria for referenced standards (Section 3.6 of CP#28) will be posted on the ICC website on or before April 1, 2016.

ADM85-16 : 110-WILSON12801

ADM86-16

IRC: R110.3

Proponent : Richard Davidson, representing Self

THIS CODE CHANGE WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. sEE THE TENTATIVE HEARING ORDER FOR THIS COMMITTEE.

2015 International Residential Code

Revise as follows:

R110.3 Certificate issued. After the *building official* inspects the building or structure and does not find violations of the provisions of this code or other laws that are enforced by the department of building safety, the *building official* shall issue a certificate of occupancy containing the following:

1. The building *permit* number.
2. The address of the structure.
3. The name and address of the owner or the owner's authorized agent.
4. A description of that portion of the structure for which the certificate is issued.
5. A statement that the described portion of the structure has been inspected for compliance with the requirements of this code.
6. The name of the *building official*.
7. The edition of the code under which the *permit* was issued.
8. ~~If an automatic sprinkler system is provided and whether the sprinkler system is required.~~
8. Any special stipulations and conditions of the building *permit*.

Reason: This text w as put in the code back w hen sprinklers w ere voluntary. A sprinkler system is now required in all dw ellings by Section R313. There is no need to include this reference on the CO just like there is no need to list if the home has smoke detectors, CO detectors, or a toilet. The edition of the code that is required in #7 w ill tell you w hat w as required in that structure.

Cost Impact: Will not increase the cost of construction
This is an editorial revision that w ill not impact construction costs.

ADM86-16 : R110.3-DAVIDSON10785

ADM87-16

IBC: 110.3.6 (New); IEBC: 109.3.6 (New)

Proponent : Dennis Richardson, American Wood Council, representing American Wood Council (drichardson@awc.org)

2015 International Building Code

Add new text as follows:

110.3.6 Weather exposed balcony and walking surface waterproofing. Where balcony or other elevated walking surfaces are exposed to water from direct or blowing rain, snow, or irrigation, and the structural framing is protected by an impervious moisture barrier, all elements of the impervious moisture barrier system shall be subject to inspection.

Exception: Where special inspections are provided in accordance with Section 1705.1.1, Item 3.

2015 International Existing Building Code

Add new text as follows:

109.3.6 Weather exposed balcony and walking surface waterproofing. Where balcony or other elevated walking surfaces are exposed to water from direct or blowing rain, snow, or irrigation, and the structural framing is protected by an impervious moisture barrier, all elements of the impervious moisture barrier system shall be subject to inspection.

Exception: Where special inspections are provided in accordance with Section 1705.1.1, Item 3 of the *International Building Code*.

Reason: Detailed inspections are needed to ensure the performance of the impervious moisture barrier used with exposed balconies and walking surfaces. As an exception, Section 1705.1.1 item 3 of the current code allows the building official to require special inspections of: "Materials and systems required to be installed in accordance with additional manufacturers's instructions that prescribe requirements not contained in this code or in standards referenced by this code." This would be acceptable in lieu of inspections performed by the building department staff when utilized by the building official.

Cost Impact: Will not increase the cost of construction
This will not increase the cost of construction as Section 110.3.8 currently requires "other inspections" to ascertain compliance with the code. The proposal also gives the existing option of special inspections in 1705.1.1 item 3 as an exception to this provision.

ADM87-16 : 110.3.6 (NEW)-RICHARDSON12230

ADM88-16

Part I:

IBC: [A] 110.6; IEBC: [A] 109.6; IFC: [A] 106.2.2; IFGC: [A] 107.2.3; IMC: [A] 107.2.3; IPC: [A] 107.2.3; IPSDC: [A] 107.4; ISPSC: [A] 106.6; IWUIC: [A] 109.1.2.3

Part II:

IRC: R109.4

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Robert DeVries, representing Nu Wool Company (rdevries@nuwool.com)

Part I

2015 International Building Code

Revise as follows:

[A] 110.6 Approval required. Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the *building official*. The *building official*~~,~~ upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed, or shall notify the *permit*holder or ~~his or her~~ an agent of the *permit* holder wherein the same fails to comply with this code. The notification shall include specific reference to the code chapter and section numbers in violation in writing. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized by the *building official*.

2015 International Existing Building Code

Revise as follows:

[A] 109.6 Approval required. Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the *code official*. The *code official*~~,~~ upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed , or shall notify the ~~permit~~*permit* holder or an agent of the ~~permit~~*permit* holder wherein the same fails to comply with this code. The notification shall include specific reference to the code chapter and section numbers in violation in writing. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized by the *code official*.

2015 International Fire Code

Revise as follows:

[A] 106.2.2 Approval required. Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the ~~*fire code official.*~~ fire code official. The ~~*fire code official,*~~ fire code official upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed, or shall notify the permit holder or ~~his or her~~ an agent of the permit holder wherein the same fails to comply with this code. The notification shall include specific reference to the code chapter and section numbers in violation in writing. Any portions that do not comply shall be corrected~~,~~ and such portion shall not be covered or concealed until authorized by the ~~*fire code official.*~~fire code official.

2015 International Fuel Gas Code

Revise as follows:

[A] 107.2.3 Approval required. Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the ~~code official~~*code official*. The ~~code official,~~*code official* upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed, or shall notify the ~~permit~~*permit* holder or ~~his or her~~ an agent of the *permit* holder wherein the same fails to comply with this code. The notification shall include specific reference to the code chapter and section numbers in violation in writing. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized by the ~~code official~~*code official*.

2015 International Mechanical Code

Revise as follows:

[A] 107.2.3 Approval required. Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the ~~code official~~*code official*. The ~~code official,~~*code official* upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed, or shall notify the ~~permit~~*permit* holder or ~~his or her~~ an agent of the *permit* holder wherein the same fails to comply with this code. The notification shall include specific reference to the code chapter and section numbers in

violation in writing. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized by the ~~code official~~*code official*.

2015 International Plumbing Code

Revise as follows:

[A] 107.2.3 Approval required. Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the ~~code official~~*code official*. The ~~code official,~~*code official* upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed, or shall notify the ~~permit~~*permit* holder or ~~his or her~~ an agent of the *permit* holder wherein the same fails to comply with this code. The notification shall include specific reference to the code chapter and section numbers in violation in writing. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized by the ~~code official~~*code official*.

2015 International Private Sewage Disposal Code

Revise as follows:

[A] 107.4 Approval required. Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the ~~code official~~*code official*. The ~~code official,~~*code official* upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed, or shall notify the ~~permit~~*permit* holder or ~~his or her~~ an agent of the *permit* holder wherein the same fails to comply with this code. The notification shall include specific reference to the code chapter and section numbers in violation in writing. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized by the ~~code official~~*code official*.

2015 International Swimming Pool and Spa Code

Revise as follows:

[A] 106.6 Approval required. Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the ~~code official~~*code official*. The ~~code official,~~*code official* upon notification, shall make the requested ~~inspection~~ inspections and shall either indicate the portion of the construction that is satisfactory as completed, or shall notify the ~~permit~~*permit* holder or ~~his or her~~ an agent of the *permit* holder wherein the same fails to comply with this code. The notification shall include specific reference to the code chapter and section numbers in violation in writing. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized by the ~~code official~~*code official*.

2015 International Wildland-Urban Interface Code

Revise as follows:

[A] 109.1.2.3 Approval required. Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the ~~code official~~*code official*. The ~~code official,~~*code official* upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed, or shall notify the ~~permit~~*permit* holder or ~~his or her~~ an agent of the *permit* holder wherein the same fails to comply with this code. The notification shall include specific reference to the code chapter and section numbers in violation in writing. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized by the ~~code official~~*code official*.

Part II

2015 International Residential Code

Revise as follows:

R109.4 Approval required. Work shall not be done beyond the point indicated in each successive inspection without first obtaining the approval of the *building official*. The *building official* upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed, or shall notify the *permit* holder or an agent of the *permit* holder wherein the same fails to comply with this code. The notification shall include specific reference to the code chapter and section number(s) in violation in writing. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized by the *building official*.

Reason: Many building officials do put code violations in writing as part of their routine inspection process but not all do. It is not required unless a Notice of Violation or a Stop Work Order is written. Having the inspection violations in writing will allow the permit holder to see exactly what corrections need to be made and reduce communication errors. Citing the chapter and section will also aid the permit holder in finding the correct method to achieve compliance.

Cost Impact: Will not increase the cost of construction
This is communication between the code official and the contractor and will have no change in construction requirements.

ADM88-16 : R109.4-DEVRIES11574

ADM89-16

IRC: R111.3

Proponent : Richard Davidson, representing Self

THIS CODE CHANGE WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THAT COMMITTEE.

2015 International Residential Code

Revise as follows:

R111.3 Authority to disconnect service utilities. The *building official* shall have the authority to authorize ~~disconnection of~~ the serving utility company to disconnect utility service to the building, structure or system regulated by this code and the referenced codes and standards set forth in Section R102.4 in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section R111.1 or R111.2. ~~The~~ Where possible, the*building official* shall notify ~~the serving utility and where possible~~ the owner or the owner's authorized agent and occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnection, the owner, the owner's authorized agent or occupant of the building, structure or service system shall be notified in writing as soon as practical thereafter.

Reason: Building departments don't disconnect gas service or electrical service or any other service. There is too much liability involved and we don't have the tools to do so or the means or training to do so. It is up to the utility providing the service to disconnect and they typically have crews available 24/7 just for that purpose.
We have no authority over the meter(s). For gas service, for example, our responsibility starts with the "outlet of the service meter" by definition. We don't control the meter.

> **G2401.1 (101.2) Application.** This chapter covers those fuel gas piping systems, fuel-gas appliances and related accessories, venting systems and combustion air configurations most commonly encountered in the construction of one- and two family dwellings and structures regulated by this code.
>
> Coverage of piping systems shall extend from the point of delivery to the outlet of the appliance shutoff valves (see definition of "Point of delivery"). Piping systems requirements shall include design, materials, components, fabrication, assembly, installation, testing, inspection, operation and maintenance. Requirements for gas appliances and related accessories shall include installation, combustion and ventilation air and venting and connections to piping systems.
>
> **POINT OF DELIVERY**. For natural gas systems, the point of delivery is the outlet of the service meter assembly or the outlet of the service regulator or service shutoff valve where a meter is not provided. Where a valve is provided at the outlet of the service meter assembly, such valve shall be considered to be downstream of the point of delivery. For undiluted liquefied petroleum gas systems, the point of delivery shall be considered to be the outlet of the service pressure regulator, exclusive of line gas regulators, in the system.

Cost Impact: Will not increase the cost of construction
This is an editorial revision that will not impact construction costs.

Staff note: Authority to disconnect service utilities is alsof found in IBC 112.3, IEBC 111.3, IFC 112.1, IFGC 108.7.2, IMC 108.7.2, IPC 108.7.2, IPSDC 108.7.2, IPMC 108.2.1, ISPSC 107.7.3 and IWUIC 113.2.

ADM89-16 : R111.3-DAVIDSON10788

ADM90-16

Part I:

IBC: [A] 112.1; IEBC: [A] 111.1; IFGC: [A] 107.6; IMC: [A] 107.6; IPC: [A] 107.7; IPSDC: [A] 107.9; ISPSC: [A] 106.19; IWUIC: [A] 113.1

Part II:

IRC: R111.1

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINSTRATIVE COMMITTEE. PART II WILL BE HEARD BY THE RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Richard Davidson, representing Self

Part I

2015 International Building Code

Delete without substitution:

~~**[A] 112.1 Connection of service utilities.** A person shall not make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a *permit* is required, until released by the *building official*.~~

2015 International Existing Building Code

Delete without substitution:

~~**[A] 111.1 Connection of service utilities.** A person shall not make connections from a utility, source of energy, fuel, or power to any building or system that is regulated by this code for which a permit is required, until approved by the *code official*.~~

2015 International Fuel Gas Code

Delete without substitution:

~~**[A] 107.6 Connection of service utilities.** A person shall not make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a permit is required until authorized by the code official.~~

2015 International Mechanical Code

Delete without substitution:

~~**[A] 107.6 Connection of service utilities.** A person shall not make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a permit is required, until authorized by the code official.~~

2015 International Plumbing Code

Delete without substitution:

~~**[A] 107.7 Connection of service utilities.** A person shall not make connections from a utility, source of energy, fuel, power, water system or *sewer* system to any building or system that is regulated by this code for which a permit is required until authorized by the code official.~~

2015 International Private Sewage Disposal Code

Delete without substitution:

~~**[A] 107.9 Connection of service utilities.** No person shall make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a permit is required until authorized by the code official.~~

2015 International Swimming Pool and Spa Code

Delete without substitution:

~~**[A] 106.19 Connection of service utilities.** A person shall not make connections from a utility, source of energy, fuel, power, water system or sewer system to any building or system that is regulated by this code for which a permit is required until authorized by the code official.~~

2015 International Wildland-Urban Interface Code

Delete without substitution:

~~**[A] 113.1 Connection of service utilities.** No person shall make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a permit is required until released by the code offi cial.~~

Part II

2015 International Residential Code

Delete without substitution:

~~**R111.1 Connection of service utilities.** A person shall not make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a *permit* is required, until *approved* by the *building official*.~~

Reason: The oversight of the connection of utilities should not be the responsibility of the building official but of the providing utility. Suppose the local w ater utility turns on the w ater at a home w ithout the building officials approval. What should the building official do? Is it reasonable to expect that the building official should take a large utility to court and penalize them for breaking the law ? Hardly!

Cost Impact:
This is an editorial revision that w ill not impact construction costs.

ADM90-16 : R111.1-DAVIDSON10786

ADM91-16

Part I:

IBC: [A] 112.2; IEBC: [A] 111.2; IFGC: [A] 107.5; IMC: [A] 107.5; IPC: [A] 107.6; IPSDC: [A] 107.8; ISPSC: [A] 106.18

Part II:

IRC: R111.2

THIS IS A 2 PART CODE CHANGE. PART I WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IRC-BUILDING CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : Richard Davidson, representing Self

Part I

2015 International Building Code

Delete without substitution:

~~**[A] 112.2 Temporary connection.** The *building official* shall have the authority to authorize the temporary connection of the building or system to the utility, source of energy, fuel or power.~~

2015 International Existing Building Code

Delete without substitution:

~~**[A] 111.2 Temporary connection.** The *code official* shall have the authority to authorize the temporary connection of the building or system to the utility source of energy, fuel, or power.~~

2015 International Fuel Gas Code

Delete without substitution:

~~**[A] 107.5 Temporary connection.** The code official shall have the authority to allow the temporary connection of an installation to the sources of energy for the purpose of testing the installation or for use under a temporary certificate of *occupancy.*~~

2015 International Mechanical Code

Delete without substitution:

~~**[A] 107.5 Temporary connection.** The code official shall have the authority to authorize the temporary connection of a mechanical system to the sources of energy for the purpose of testing mechanical systems or for use under a temporary certificate of *occupancy.*~~

2015 International Plumbing Code

Delete without substitution:

~~**[A] 107.6 Temporary connection.** The code official shall have the authority to authorize the temporary connection of the building or system to the utility source for the purpose of testing plumbing systems or for use under a temporary certificate of occupancy.~~

2015 International Private Sewage Disposal Code

Delete without substitution:

~~**[A] 107.8 Temporary connection.** The code official shall have the authority to allow the temporary connection of an installation to the sources of energy for the purpose of testing the installation or for use under a temporary certificate of occupancy.~~

2015 International Swimming Pool and Spa Code

Delete without substitution:

~~**[A] 106.18 Temporary connection.** The code official shall have the authority to authorize the temporary connection of the building or system to the utility source for the purpose of testing systems.~~

Part II

2015 International Residential Code

Delete without substitution:

~~**R111.2 Temporary connection.** The *building official* shall have the authority to authorize the temporary connection~~

~~of the building or system to the utility, source of energy, fuel or power.~~

Reason: Regarding the statement "The building official shall have the authority to authorize and approve ***the temporary connection***..." What temporary connection?

Cost Impact:
This is an editorial revision that will not impact construction costs.

ADM91-16 : R111.2-DAVIDSON10787

ADM92-16

IBC:116; IEBC: 115; IFC: 110; IPMC: 107, 108

Proponent : Carroll Pruitt (cpruitt@pruittconsulting.com)

2015 International Building Code

Revise as follows:

SECTION 116 UNSAFE STRUCTURES AND EQUIPMENT

[A] 116.1 Unsafe Conditions. Structures or existing equipment that are or hereafter become unsafe, insanitary or deficient because of inadequate *means of egress*facilities, inadequate light and ventilation, or that constitute a fire hazard, or are otherwise dangerous to human life or the public welfare, or that involve illegal or improper occupancy or inadequate maintenance, shall be deemed an unsafe condition. Unsafe structures shall be taken down and removed or made safe, as the *building official*deems necessary and as provided for in this section. A vacant structure that is not secured against unauthorized entry shall be deemed unsafe.

[A] 116.2 Record. The *building official*shall cause a report to be filed on an unsafe condition. The report shall state the occupancy of the structure and the nature of the unsafe condition.

[A] 116.3 Notice. If an unsafe condition is found, the *building official*shall serve on the *owner*~~, agent or person in control~~ of the structure or the owner's authorized agent, a written notice that describes the condition deemed unsafe and specifies the required repairs or improvements to be made to abate the unsafe condition, or that requires the unsafe structure to be demolished within a stipulated time. Such notice shall require the person thus notified to declare immediately to the *building official*acceptance or rejection of the terms of the order.

[A] 116.4 Method of service. Such notice shall be deemed properly served if a copy thereof is ~~(a)~~
1. delivered to the ~~*owner*~~ *owner* personally; ~~(b)~~
2. sent by certified or registered mail addressed to the ~~*owner*~~ *owner* at the last known address with the return receipt requested; or ~~(c)~~
3. delivered in any other manner as prescribed by local law.

If the certified or registered letter is returned showing that the letter was not delivered, a copy thereof shall be posted in a conspicuous place in or about the structure affected by such notice. Service of such notice in the foregoing manner upon the owner's authorized agent~~ or upon the person responsible for the structure~~ shall constitute service of notice upon the ~~*owner*~~*owner*.

[A] 116.5 Restoration or abatement. Where the structure or equipment determined to be unsafe by the *building official*is restored to a safe condition. The owner, the owner's authorized agent, operator or occupant of a structure, premises or equipment deemed unsafe by the code official shall abate or cause to be abated or corrected such unsafe conditions either by repair, rehabilitation, demolition or other approved corrective action. To the extent that repairs, *alterations*or *additions*are made or a change of occupancy occurs during the restoration of the structure, such *repairs*, *alterations*, *additions*and change of occupancy shall comply with the requirements of Section 105.2.2 and the *International Existing Building Code*.

2015 International Existing Building Code

Revise as follows:

SECTION 115 UNSAFE ~~BUILDINGS~~ STRUCTURES AND EQUIPMENT

[A] 115.1 Unsafe Conditions. ~~Buildings, structures~~
Structures or existing equipment that are or hereafter become *unsafe*, insanitary or deficient because of inadequate means of egress facilities, inadequate light and ventilation, or that constitute a fire hazard, or are otherwise dangerous to human life or the public welfare, or that involve illegal or improper occupancy or inadequate maintenance, shall be deemed an unsafe condition. Unsafe structures shall be taken down~~,~~ and removed or made safe, as the *code official*deems necessary and as provided for in this ~~code~~ section. A vacant structure that is not secured against unauthorized entry shall be deemed unsafe.

[A] 115.2 Record. The *code official*shall cause a report to be filed on an *unsafe*condition. The report shall state the occupancy of the structure and the nature of the *unsafe*condition.

[A] 115.3 Notice. If an ~~*unsafe*~~ unsafe condition is found, the ~~*code official*~~ *official* shall serve on the ~~owner,~~*owner* of the structure or the owner's authorized agent~~ or person in control of the structure~~ , a written notice that describes the condition deemed ~~*unsafe*~~ unsafe and specifies the required ~~*repairs*~~ repairs or improvements to be made to abate the ~~*unsafe*~~ unsafe condition, or that requires the ~~*unsafe* building~~ unsafe structure to be demolished within a stipulated time. Such notice shall require the person thus notified to declare immediately to the *code official*acceptance or rejection of the terms of the order.

[A] 115.4 Method of service. Such notice shall be deemed properly served if a copy thereof is:
1. delivered to the owner ~~or the owner's authorized agent~~ personally;

2. sent by certified or registered mail addressed to the owner~~ or the owner's authorized agent~~ at the last known address with the return receipt requested; or
3. delivered in any other manner as prescribed by local law.

If the certified or registered letter is returned showing that the letter was not delivered, a copy thereof shall be posted in a conspicuous place in or about the structure affected by such notice. Service of such notice in the foregoing manner upon the owner's authorized agent ~~or upon the person responsible for the structure~~ shall constitute service of notice upon the owner.

[A] 115.5 Restoration or abatement. The ~~building~~ structure or equipment determined to be *unsafe* by the *code official* is permitted to be restored to a safe condition. The owner, the owner's authorized agent, operator or occupant of a structure, premises or equipment deemed unsafe by the code official shall abate or cause to be abated or corrected such unsafe conditions either by repair, rehabilitation, demolition or other approved corrective action. To the extent that *repairs*, *alterations*, or *additions* are made or a *change of occupancy* occurs during the restoration of the ~~building~~ structure, such *repairs*, *alterations*, *additions*, or *change of occupancy* shall comply with the requirements of this code.

2015 International Fire Code

Revise as follows:

SECTION 110 UNSAFE ~~BUILDINGS~~ STRUCTURES OR EQUIPMENT

[A] 110.1 General. If during the inspection of a premises,~~ a building or~~ structure, or any building system, in whole or in part, constitutes a clear and inimical threat to human life, safety or health, the *fire code official* shall issue such notice or orders to remove or remedy the conditions as shall be deemed necessary in accordance with this section, and shall refer the ~~building~~ structure or equipment to the building department for any repairs, *alterations*, remodeling, removing or demolition required.

[A] 110.1.1 Unsafe conditions. Structures or existing equipment that are or hereafter become unsafe, insanitary or deficient because of inadequate *means of egress*, inadequate light and ventilation, or ~~which~~ that constitute a fire hazard, or are otherwise dangerous to human life or the public welfare, or ~~which~~ that involve illegal or improper occupancy or inadequate maintenance, shall be deemed an unsafe condition. Unsafe structures shall be taken down and removed or made safe, as the fire code official deems necessary and as provided for in this section. A vacant structure that is not secured against unauthorized entry ~~as required by Section 311~~ shall be deemed unsafe.

[A] 110.1.2 Structural hazards. Where an apparent structural hazard is caused by the faulty installation, operation or malfunction of any of the items or devices governed by this code, the *fire code official* shall immediately notify the building code official in accordance with Section 110.1.

[A] 110.2 Evacuation. The *fire code official* or the fire department official in charge of an incident shall be authorized to order the immediate evacuation of any occupied ~~building~~ structure deemed unsafe where such ~~building~~ structure has hazardous conditions that present imminent danger to ~~building~~ structure occupants. Persons so notified shall immediately leave the structure or premises and shall not enter or re-enter until authorized to do so by the *fire code official* or the fire department official in charge of the incident.

Add new text as follows:

[A] 110.3 Record The fire code official shall cause a report to be filed on an unsafe condition. The report shall state the occupancy of the structure and the nature of the unsafe condition.

[A] 110.4 Notice If an unsafe condition is found, the *code official* shall serve on the *owner* of the structure or the owner's authorized agent, a written notice that describes the condition deemed unsafe and specifies the required repairs or improvements to be made to abate the unsafe condition, or that requires the unsafe structure to be demolished within a stipulated time. Such notice shall require the person thus notified to declare immediately to the *code official* acceptance or rejection of the terms of the order.

[A] 110.5 Method of service. Such notice shall be deemed properly served if a copy thereof is

1. Delivered to the owner personally;
2. Sent by certified or registered mail addressed to the owner at the last known address with the return receipt requested; or
3. Delivered in any other manner as prescribed by local law.

If the certified or registered letter is returned showing that the letter was not delivered, a copy thereof shall be posted in a conspicuous place in or about the structure affected by such notice. Service of such notice in the foregoing manner upon the owner's authorized agent shall constitute service of notice upon the owner.

Delete without substitution:

~~**[A] 110.3 Summary abatement.** Where conditions exist that are deemed hazardous to life and property, the *fire code official* or fire department official in charge of the incident is authorized to abate summarily such hazardous conditions that are in violation of this code.~~

Revise as follows:

[A] ~~110.4~~ 110.6 Restoration or Abatement. The structure or equipment determined to be unsafe by the fire code official is permitted to be restored to a safe condition. The *owner*, the owner's authorized agent, operator or occupant of a ~~building~~ structure, premises or ~~premises~~ equipment deemed unsafe by the *fire code official* shall abate or cause to be abated or corrected such unsafe conditions either by repair, rehabilitation, demolition or other *approved* corrective action. To the extent that repairs, alterations, or additions are made or a change of occupancy occurs during the restoration of the structure, such repairs, alterations, additions, or change of occupancy shall comply with the requirements of Section 105.1.5 and the International Existing Building Code.

2015 International Property Maintenance Code

Revise as follows:

SECTION 107 NOTICES AND ORDERS

[A] 107.1 Notice to person responsible. Whenever the *code official*determines that there has been a violation of this code or has grounds to believe that a violation has occurred, notice shall be given in the manner prescribed in Sections 107.2 and 107.3 to the person responsible for the violation as specified in this code. Notices for condemnation procedures shall also comply with Section 108.3.

[A] 107.2 Form. Such notice ~~prescribed in Section 107.1~~ shall be in accordance with all of the following:

1. Be in writing.
2. Include a description of the real estate sufficient for identification.
3. Include a statement of the violation or violations and why the notice is being issued.
4. Include a correction order allowing a reasonable time to make the repairs and improvements required to bring the *dwelling unit*or structure into compliance with the provisions of this code.
5. Inform the property *owner*or owner's authorized agent of the right to appeal.
6. Include a statement of the right to file a lien in accordance with Section 106.3.

[A] 107.3 Method of service. Such notice shall be deemed to be properly served if a copy thereof is:

1. Delivered to the owner personally;
2. Sent by certified or ~~first-class~~ registered mail addressed to the owner at the last known address with the return receipt requested; or
3. ~~If the notice is returned showing that the letter was not delivered, a copy thereof shall be posted~~ Delivered in ~~a conspicuous place in or about the structure affected~~ any other manner as prescribed by ~~such notice~~ local law.

If the certificate or registered letter is returned showing that the letter was not delivered, a copy thereof shall be posted in a conspicuous place in or about the structure affected by such notice. Service of such notice in the foregoing manner upon the owner's agent or upon the person responsible for the structure shall constitute service of notice upon the owner.

SECTION 108 UNSAFE STRUCTURES AND EQUIPMENT

[A] 108.1 ~~General~~ Unsafe conditions. When a structure or equipment is found by the *code official*to be unsafe, or when a structure is found unfit for human *occupancy*, or is found unlawful, such structure shall be *condemned*pursuant to the provisions of this code..

[A] 108.1.1 Unsafe structures. An unsafe structure is one that is found to be dangerous to the life, health, property or safety of the public or the *occupants*of the structure by not providing minimum safeguards to protect or warn *occupants*in the event of fire, or because such structure contains unsafe equipment or is so damaged, decayed, dilapidated, structurally unsafe or of such faulty construction or unstable foundation, that partial or complete collapse is possible.

[A] 108.1.2 Unsafe equipment. Unsafe equipment includes any boiler, heating equipment, elevator, moving stairway, electrical wiring or device, flammable liquid containers or other equipment on the *premises*or within the structure which is in such disrepair or condition that such equipment is a hazard to life, health, property or safety of the public or *occupants*of the *premises*or structure.

[A] 108.1.3 Structure unfit for human occupancy. A structure is unfit for human *occupancy*whenever the *code official*finds that such structure is unsafe, unlawful or, because of the degree to which the structure is in disrepair or lacks maintenance, is insanitary, vermin or rat infested, contains filth and contamination, or lacks *ventilation*, illumination, sanitary or heating facilities or other essential equipment required by this code, or because the location of the structure constitutes a hazard to the *occupants*of the structure or to the public.

[A] 108.1.4 Unlawful structure. An unlawful structure is one found in whole or in part to be occupied by more persons than permitted under this code, or was erected, altered or occupied contrary to law.

[A] 108.1.5 Dangerous structure or premises. For the purpose of this code, any structure or *premises*that has any

or all of the conditions or defects described below shall be considered dangerous:

1. Any door, aisle, passageway, stairway, exit or other means of egress that does not conform to the *approved*building or fire code of the jurisdiction as related to the requirements for existing ~~buildings~~ strutures.
2. The walking surface of any aisle, passageway, stairway, exit or other means of egress is so warped, worn loose, torn or otherwise unsafe as to not provide safe and adequate means of egress.
3. Any portion of ~~a building,~~ structure or appurtenance that has been damaged by fire, earthquake, wind, flood, *deterioration*, *neglect*, abandonment, vandalism or by any other cause to such an extent that it is likely to partially or completely collapse, or to become *detached*or dislodged.
4. Any portion of a ~~building~~ struture, or any member, appurtenance or ornamentation on the exterior thereof that is not of sufficient strength or stability, or is not so *anchored*, attached or fastened in place so as to be capable of resisting natural or artificial loads of one and one-half the original designed value.
5. The ~~building or~~ structure~~,~~ or part of the~~ building or~~ structure, because of dilapidation, *deterioration*, decay, faulty construction, the removal or movement of some portion of the ground necessary for the support, or for any other reason, is likely to partially or completely collapse, or some portion of the foundation or underpinning of the ~~building or~~ structure is likely to fail or give way.
6. The ~~building or~~ structure~~,~~ or any portion thereof, is clearly unsafe for its use and *occupancy*.
7. The~~ building or~~ structure is *neglected*, damaged, dilapidated, unsecured or abandoned so as to become an attractive nuisance to children who might play in the ~~building or~~ structure to their danger, becomes a harbor for vagrants, criminals or immoral persons, or enables persons to resort to the ~~building or~~ structure for committing a nuisance or an unlawful act.
8. Any~~ building or~~ structure has been constructed, exists or is maintained in violation of any specific requirement or prohibition applicable to such~~ building or~~ structure provided by the *approved*building or fire code of the jurisdiction, or of any law or ordinance to such an extent as to present either a substantial risk of fire, ~~building~~ struture collapse or any other threat to life and safety.
9. A~~ building or~~ structure, used or intended to be used for dwelling purposes, because of inadequate maintenance, dilapidation, decay, damage, faulty construction or arrangement, inadequate light, *ventilation*, mechanical or plumbing system, or otherwise, is determined by the *code official*to be unsanitary, unfit for human habitation or in such a condition that is likely to cause sickness or disease.
10. Any~~ building or~~ structure, because of a lack of sufficient or proper fire-resistance-rated construction, fire protection systems, electrical system, fuel connections, mechanical system, plumbing system or other cause, is determined by the *code official*to be a threat to life or health.
11. Any portion of a ~~building~~ struture remains on a site after the demolition or destruction of the ~~building or~~ structure or whenever any~~ building or~~ structure is abandoned so as to constitute such ~~building~~ struture or portion thereof as an attractive nuisance or hazard to the public.

[A] 108.2 Closing of vacant structures. If the structure is vacant and unfit for human habitation and *occupancy*, and is not in danger of structural collapse, the *code official*is authorized to post a placard of condemnation on the *premises*and order the structure closed up so as not to be an attractive nuisance. Upon failure of the *owner*or owner's authorized agent to close up the *premises*within the time specified in the order, the *code official*shall cause the *premises*to be closed and secured through any available public agency or by contract or arrangement by private persons and the cost thereof shall be charged against the real estate upon which the structure is located and shall be a lien upon such real estate and shall be collected by any other legal resource.

[A] 108.2.1 Authority to disconnect service utilities. The *code official*shall have the authority to authorize disconnection of utility service to the~~ building,~~ structure or system regulated by this code and the referenced codes and standards set forth in Section 102.7 in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without approval. The *code official*shall notify the serving utility and, whenever possible, the *owner*or owner's authorized agent and *occupant*of the ~~building,~~ structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnection the *owner*, owner's authorized agent or *occupant*of the ~~building~~ structure or service system shall be notified in writing as soon as practical thereafter.

[A] ~~108.7~~ 108.3 Record. The *code official*shall cause a report to be filed on an unsafe condition. The report shall state the *occupancy*of the structure and the nature of the unsafe condition.

[A] ~~108.3~~ 108.4 Notice. ~~Whenever~~
If an unsafe condition is found, the *code official* ~~has condemned a structure or equipment under the provisions of this section, notice~~ *official* shall ~~be posted in a conspicuous place in or about the structure affected by such notice and served~~ serve on the *owner*~~, owner's authorized agent or the person or persons responsible for~~ of the structure or ~~equipment in accordance with Section 107.3. If~~ the owner's authorized agent, a written notice that describes the ~~notice pertains~~ condition deemed unsafe and specifies the required repairs or improvements to ~~equipment~~ be made to abate the unsafe condition, ~~it shall~~ or that requires the unsafe structure to be ~~placed on the condemned equipment~~ demolished within a stipulated time. ~~The~~ Such notice shall ~~be in~~ require the ~~form prescribed in Section 107.2~~ person thus notified to declare immediately to the *code official* acceptance or rejection of the terms of the order.

[A] ~~108.4~~ 108.5 Placarding. Upon failure of the *owner,*owner's authorized agent or person responsible to comply with the notice provisions within the time given, the *code official*shall post on the *premises*or on defective equipment a

placard bearing the word "Condemned" and a statement of the penalties provided for occupying the *premises*, operating the equipment or removing the placard. Such notice shall be posted in a conspicuous place in or about the structure affected by such notice. If the notice pertains to equipment, it shall be placed on the condemned equipment. The notice shall be in the form prescribed in Section 107.1.

[A] ~~108.4.1~~ 108.5.1 Placard removal. The *code official*shall remove the condemnation placard whenever the defect or defects upon which the condemnation and placarding action were based have been eliminated. Any person who defaces or removes a condemnation placard without the approval of the *code official*shall be subject to the penalties provided by this code..

[A] ~~108.5~~ 108.6 Prohibited occupancy. Any occupied structure condemned and placarded by the *code official*shall be vacated as ordered by the *code official*. Any person who shall occupy a placarded *premises*or shall operate placarded equipment, and any *owner~~,~~*or owner's authorized agent~~ or person responsible for the *premises* ~~ who shall let anyone occupy a placarded *premises*or operate placarded equipment shall be liable for the penalties provided by this code.

[A] ~~108.6~~ 108.7 Restoration or Abatement~~ methods.~~ The structure or equipment determined to be unsafe by the code official is permitted to be restored to a safe condition. The *owner*, owner's authorized agent, *operator*or *occupant*of a ~~building~~ structure, *premises*or equipment deemed unsafe by the *code official*shall abate or cause to be abated or corrected such unsafe conditions either by repair, rehabilitation, demolition or other *approved*corrective action. To the extent that repairs, alterations, or additions are made or a change of occupancy occurs during the restoration of the structure, such repairs, alterations, additions, or change of occupancy shall comply with the requirements of the International Existing Building Code.

Reason: The intent is the coordination of the requirements in the section dealing with Unsafe Structures and Equipment in the IBC, IFC, IEBC and IPMC.

- Consistently use "structure" instead of "building" or "building or structure"
- "Owner's authorized agent" was added extensively last cycle. A person responsible for the premises is an owner's authorized agent – so the language can be removed. "Operator" has not been removed because it is a defined term in the IPMC.
- Similar language for Unsafe Conditions (IBC 116.1, IFC 110.1.1, IEBC 115.1, IPMC 108.1)
- Similar language for Record (IBC 116.2, IFC 110.3, IEBC 115.2, IPMC 108.3)
- Similar language for Notice (IBC 116.3, IFC 110.4, IEBC 115.3, IPMC 108.4 & 108.5)
- Similar language for Method of service (IBC 116.4, IFC 110.5, IEBC 115.4, IPMC 107.3)
- IFC should include requirements for record, notice and method of service.
- IFC and IPMC has a section on abatement, and IBC and IEBC have a section on restoration. Both include provisions for bring the structure into a safe condition, so both should be permitted/addressed in all four codes. (IBC 116.5, IFC 110.6, IEBC 115.5, IPMC 108.6)

Cost Impact: Will not increase the cost of construction
The proposal is a coordination and clarification of requirements that will not change any of the requirements in the codes.

ADM92-16 : [A] 116.1-PRUITT11965

ADM93-16

Part I:
IBC: CHAPTER 1, APPENDIX A (NEW)
Part II:
IECC-C: CHAPTER 1, APPENDIX A (NEW)
Part III:
IECC-R: CHAPTER 1, APPENDIX A (NEW)
Part IV:
IRC: CHAPTER 1, APPENDIX A (NEW)
Part V:
IFC: CHAPTER 1, APPENDIX A (NEW)
Part VI:
IPC: CHAPTER 1, APPENDIX A (NEW)
Part VII:
IMC: CHAPTER 1, APPENDIX A (NEW)
Part VIII:
IPSDC: CHAPTER 1, APPENDIX A (NEW)
Part IX:
IFGC: CHAPTER 1; APPENDIX A (NEW)
Part X:
IPMC: CHAPTER 1, APPENDIX A (NEW)
Part XI:
IWUIC: CHAPTER 1; APPENDIX A (NEW)
Part XII:
IZC: CHAPTER 1; APPENDIX A (NEW)
Part XIII:
ICCPC: CHAPTER 1, APPENDIX A (NEW)
Part XIV:
ISPSC: CHAPTER 1, APPENDIX A (NEW)
Part XV:
IEBC: CHAPTER 1, APPENDIX A (NEW)

THIS IS A MULTI-PART PART CODE CHANGE. ALL PARTS OTHER THAN PARTS 2, 3 AND 4 WILL BE HEARD BY THE ADMINISTRATIVE CODE COMMITTEE. PART II WILL BE HEARD BY THE IECC-COMMERCIAL CODE COMMITTEE. PART III WILL BE HEARD BY THE IECC-RESIDENTIAL CODE COMMITTEE. PART IV WILL BE HEARD BY THE RESIDENTIAL CODE COMMITTEE. SEE THE TENTATIVE HEARING ORDER FOR THESE COMMITTEES.

Proponent : John England, England Training LLC, representing England Training LLC (jengland@ibcode.net)

Part I

Staff note: The deletion of Chapter Part 1 and Chapter Part 2 is for the titles only. The revisions to the numbers of section titles is to indicate the relocation of the entire section. No changes to the content of these sections are proposed.

2015 International Building Code

CHAPTER 1 SCOPE AND ADMINISTRATION
Delete without substitution:

~~**CHAPTER PART 1 — SCOPE AND APPLICATION**~~

SECTION 101 GENERAL

SECTION 102 APPLICABILITY

Add new text as follows:

SECTION 103 ADMINISTRATION AND ENFORCEMENT

103.1 Creation of Administration and Enforcement. To establish regulations for administration and enforcement of this code, the applicable governing authority shall adopt administrative provisions. Provisions for this are found in [INSERT NAME OF REFERENCED DOCUMENT OR APPENDIX A].

Delete without substitution:

~~**CHAPTER PART 2 — ADMINISTRATION AND ENFORCEMENT**~~
Add new text as follows:

APPENDIX A ADMINISTRATIVE AND ENFORCEMENT PROVISIONS

Note:

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinace.

SECTION A101 GENERAL

A101.1 Purpose. The purpose of this appendix is to provide provisions for administration of the code department and the enforcement of the adopted codes.

SECTION A102 APPLICABILITY

A102.1 General. This appendix, in conjunction with this code, provides minimum requirements for the administration and enforcement including:

1. Department of buidling safety.
2. Duties and powers of the buidling official.
3. Permits.
4. Floor and roof design loads.
5. Submittal documents.
6. Temporary structures and uses.
7. Fees.
8. Inspections.
9. Certificate of occupancy.
10. Service Utilities.
11. Board of appeals.
12. Violations.
13. Stop work orders.
14. Unsafe Sturctures and Equipment.

Revise as follows:

SECTION ~~103~~ A103 DEPARTMENT OF BUILDING SAFETY

SECTION ~~104~~ A104 DUTIES AND POWERS OF BUILDING OFFICIAL

SECTION ~~105~~ A105 PERMITS

SECTION ~~106~~ A106 FLOOR AND ROOF DESIGN LOADS

SECTION ~~107~~ A107 SUBMITTAL DOCUMENTS

SECTION ~~108~~ A108 TEMPORARY STRUCTURES AND USES

SECTION ~~109~~ A109 FEES

SECTION ~~110~~ A110 INSPECTIONS

SECTION ~~111~~ A111 CERTIFICATE OF OCCUPANCY

SECTION ~~112~~ A112 SERVICE UTILITIES

SECTION ~~113~~ A113 BOARD OF APPEALS

SECTION ~~114~~ A114 VIOLATIONS

SECTION ~~115~~ A115 STOP WORK ORDER

SECTION ~~116~~ A116 UNSAFE STRUCTURES AND EQUIPMENT

Part II

Staff note: The deletion of Chapter Part 1 and Chapter Part 2 is for the titles only. The revisions to the numbers of section titles is to indicate the relocation of the entire section. No changes to the content of these sections are proposed.

2015 International Energy Conservation Code

CHAPTER 1 [CE] SCOPE AND ADMINISTRATION

Delete without substitution:

~~CHAPTER PART 1 — SCOPE AND APPLICATION~~

SECTION C101 SCOPE AND GENERAL REQUIREMENTS

SECTION C102 ALTERNATE MATERIALS—METHOD OF CONSTRUCTION, DESIGN OR INSULATING SYSTEMS

Add new text as follows:

SECTION 103 ADMINISTRATION AND ENFORCEMENT

C103.1 Creation of Administration and Enforcement. To establish regulations for administration and enforcement of this code, the applicable governing authority shall adopt administrative provisions. Provisions for this are found in [INSERT NAME OF REFERENCED DOCUMENT OR APPENDIX A].

Delete without substitution:

~~CHAPTER PART 2 — ADMINISTRATION AND ENFORCEMENT~~

Add new text as follows:

APPENDIX CA ADMINISTRATIVE AND ENFORCEMENT PROVISIONS.

Note:

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinace.

SECTION CA101 GENERAL.

CA101.1 Purpose. The purpose of this appendix is to provide provisions for administration of the code department and the enforcement of the adopted codes.

SECTION CA102 APPLICABILITY.

CA102.1 General. This appendix, in conjunction with this code, provides minimum requirements for the administration and enforcement including:

1. Construction documents.
2. Inspections.
3. Validity
4. Referenced Standards
5. Fees
6. Stop Work Order
7. Board of Appeals

Revise as follows:

SECTION ~~C103~~ CA103 CONSTRUCTION DOCUMENTS

SECTION ~~C104~~ CA104 INSPECTIONS

SECTION ~~C105~~ CA105 VALIDITY

SECTION ~~C106~~ CA106 REFERENCED STANDARDS

SECTION ~~C107~~ CA107 FEES

SECTION ~~C108~~ CA108 STOP WORK ORDER

SECTION ~~C109~~ CA109 BOARD OF APPEALS

Part III

Staff note: The deletion of Chapter Part 1 and Chapter Part 2 is for the titles only. The revisions to the numbers of section titles is to indicate the relocation of the entire section. No changes to the content of these sections are proposed. IECC-RE Sections R103.2 amd R103.2.1 are scoped for coordination with IRC Section N1101.5 and N1101.5.1. There is no proposal to move these sections to an appendix in the IRC.

2015 International Energy Conservation Code

CHAPTER 1 [RE] SCOPE AND ADMINISTRATION

Delete without substitution:

~~CHAPTER PART 1 — SCOPE AND APPLICATION~~

SECTION R101 SCOPE AND GENERAL REQUIREMENTS

SECTION R102 ALTERNATIVE MATERIALS, DESIGN AND METHODS OF CONSTRUCTION AND EQUIPMENT

Add new text as follows:

SECTION R103 ADMINISTRATION AND ENFORCEMENT

R103.1 Creation of Administration and Enforcement. To establish regulations for administration and enforcement of this code, the applicable governing authority shall adopt administrative provisions. Provisions for this are found in [INSERT NAME OF REFERENCED DOCUMENT OR INSERT "APPENDIX A"].

Delete without substitution:

~~CHAPTER PART 2 — ADMINISTRATION AND ENFORCEMENT~~

Add new text as follows:

APPENDIX RA ADMINISTRATIVE AND ENFORCEMENT PROVISIONS

SECTION RA101 GENERAL

RA101.1 Purpose. The purpose of this appendix is to provide provisions for administration of the code department and the enforcement of the adopted codes.

SECTION RA102 APPLICABILITY

RA102.1 General. This appendix, in conjunction with this code, provides minimum requirements for the administration and enforcement including:

1. Construction documents.
2. Inspections.
3. Validity
4. Referenced Standards
5. Fees
6. Stop Work Order
7. Board of Appeals

Revise as follows:

SECTION ~~R103~~ RA103 CONSTRUCTION DOCUMENTS

SECTION ~~R104~~ RA104 INSPECTIONS

SECTION ~~R105~~ RA105 VALIDITY

SECTION ~~R106~~ RA106 REFERENCED STANDARDS

SECTION ~~R107~~ RA107 FEES

SECTION ~~R108~~ RA108 STOP WORK ORDER

SECTION ~~R109~~ RA109 BOARD OF APPEALS

Part IV

Staff note: The deletion of Chapter Part 1 and Chapter Part 2 is for the titles only. The revisions to the numbers of section titles is to indicate the relocation of the entire section. No changes to the content of these sections are proposed. IECC-RE Sections R103.2 amd R103.2.1 are scoped for coordination with IRC Section N1101.5 and N1101.5.1. There is no proposal to move these sections to an appendix in the IRC.

2015 International Residential Code

CHAPTER 1 SCOPE AND ADMINISTRATION

Delete without substitution:

~~**CHAPTER PART 1 — SCOPE AND APPLICATION**~~

SECTION R101 GENERAL

SECTION R102 APPLICABILITY

Add new text as follows:

SECTION 103 ADMINISTRATION AND ENFORCEMENT

R103.1 Creation of Administration and Enforcement. To establish regulations for administration and enforcement of this code, the applicable governing authority shall adopt administrative provisions. Provisions for this are found in [INSERT NAME OF REFERENCED DOCUMENT OR APPENDIX A].

Delete without substitution:

~~**CHAPTER PART 2 — ADMINISTRATION AND ENFORCEMENT**~~

Add new text as follows:

APPENDIX A ADMINISTRATION AND ENFORCEMENT PROVISIONS

Note:

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinace.

SECTION AA101 GENERAL

AA101.1 Purpose. The purpose of this appendix is to provide provisions for administration of the code department and the enforcement of the adopted codes.

SECTION AA102 APPLICABILITY

AA102.1 General. This appendix, in conjunction with this code, provides minimum requirements for the administration and enforcement including:

1. Department of building safety
2. Duties and powers of the building official
3. Permits
4. Construction documents.
5. Temporary structures and uses
6. Fees
7. Inspections
8. Certificate of occupancy
9. Service utilities
10. Board of Appeals
11. Violation
12. Stop Work Order

Revise as follows:

SECTION ~~R103~~ AA103 DEPARTMENT OF BUILDING SAFETY

SECTION ~~R104~~ AA104 DUTIES AND POWERS OF THE BUILDING OFFICIAL

SECTION ~~R105~~ AA105 PERMITS

SECTION ~~R106~~ AA106 CONSTRUCTION DOCUMENTS

SECTION ~~R107~~ AA107 TEMPORARY STRUCTURES AND USES

SECTION ~~R108~~ AA108 FEES

SECTION ~~R109~~ AA109 INSPECTIONS

SECTION ~~R110~~ AA110 CERTIFICATE OF OCCUPANCY

SECTION ~~R111~~ AA111 SERVICE UTILITIES

SECTION ~~R112~~ AA112 BOARD OF APPEALS

SECTION ~~R113~~ AA113 VIOLATIONS

SECTION ~~R114~~ AA114 STOP WORK ORDER

Part V

Staff note: The deletion of Chapter Part 1 and Chapter Part 2 is for the titles only. The revisions to the numbers of section titles is to indicate the relocation of the entire section. No changes to the content of these sections are proposed.

2015 International Fire Code

CHAPTER 1 SCOPE AND ADMINISTRATION

Delete without substitution:

~~CHAPTER PART 1 — GENERAL PROVISIONS~~

SECTION 101 SCOPE AND GENERAL REQUIREMENTS

SECTION 102 APPLICABILITY

Add new text as follows:

SECTION 103 ADMINISTRATION AND ENFORCEMENT

103.1 Purpose. To establish regulations for administration and enforcement of this code, the applicable governing authority shall adopt administrative provisions. Provisions for this are found in [INSERT NAME OF REFERENCED DOCUMENT OR APPENDIX A].

Delete without substitution:

~~CHAPTER PART 2 — ADMINISTRATIVE PROVISIONS~~

Add new text as follows:

APPENDIX A ADMINISTRATIVE AND ENFORCEMENT PROVISIONS

Note:

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinace.

SECTION A101 GENERAL

A101.1 Purpose. The purpose of this appendix is to provide provisions for administration of the code department and the enforcement of the adopted codes.

SECTION A102 APPLICABILITY

A102.1 General. This appendix, in conjunction with this code, provides minimum requirements for the administration and enforcement including:

1. Department of fire prevention
2. General authority and responsibilities
3. Permits
4. Inspections.
5. Maintenance
6. Board of Appeals
7. Violations
8. Unsafe Buildings
9. Stop work order
10. Service utilities
11. Fees

Revise as follows:

SECTION ~~103~~ A103 DEPARTMENT OF FIRE PREVENTION

SECTION ~~104~~ A104 GENERAL AUTHORITY AND RESPONSIBILITIES

SECTION ~~105~~ A105 PERMITS

SECTION ~~106~~ A106 INSPECTIONS

SECTION ~~107~~ A107 MAINTENANCE

SECTION ~~108~~ A108 BOARD OF APPEALS

SECTION ~~109~~ A109 VIOLATIONS

SECTION ~~110~~ A110 UNSAFE BUILDINGS

SECTION ~~111~~ A111 STOP WORK ORDER

SECTION ~~112~~ A112 SERVICE UTILITIES

SECTION ~~113~~ A113 FEES

Part VI

Staff note: The deletion of Chapter Part 1 and Chapter Part 2 is for the titles only. The revisions to the numbers of section titles is to indicate the relocation of the entire section. No changes to the content of these sections are proposed.

2015 International Plumbing Code

CHAPTER 1 SCOPE AND ADMINISTRATION
Delete without substitution:

~~**CHAPTER PART 1 — SCOPE AND APPLICATION**~~

SECTION 101 GENERAL

SECTION 102 APPLICABILITY

Add new text as follows:

SECTION 103 ADMINISTRATION AND ENFORCEMENT

103.1 Creation of Administration and Enforcement. To establish regulations for administration and enforcement of this code, the applicable governing authority shall adopt administrative provisions. Provisions for this are found in [INSERT NAME OF REFERENCED DOCUMENT OR APPENDIX A].

Delete without substitution:

~~**CHAPTER PART 2 — ADMINISTRATION AND ENFORCEMENT**~~
Add new text as follows:

APPENDIX A ADMINISTRATIVE AND ENFORCEMENT PROVISIONS

Note:

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinace.

SECTION A101 GENERAL

A101.1 Purpose. The purpose of this appendix is to provide provisions for administration of the code department and the enforcement of the adopted codes.

SECTION A102 APPLICABILITY

A102.1 General. This appendix, in conjunction with this code, provides minimum requirements for the administration and enforcement including:

1. Department of plumbing inspections
2. Duties and the powers of the code official
3. Approval
4. Permits
5. Inspections and testing
6. Violation
7. Means of Appeal
8. Temporary equipment, systems and uses

Revise as follows:

SECTION ~~103~~ A103 DEPARTMENT OF PLUMBING INSPECTION

SECTION ~~104~~ A104 DUTIES AND POWERS OF THE CODE OFFICIAL

SECTION ~~105~~ A105 APPROVAL

SECTION ~~106~~ A106 PERMITS

SECTION ~~107~~ A107 INSPECTIONS AND TESTING

SECTION ~~108~~ A108 VIOLATIONS

SECTION ~~109~~ A109 MEANS OF APPEAL

SECTION ~~110~~ A110 TEMPORARY EQUIPMENT, SYSTEMS AND USES

Part VII

Staff note: The deletion of Chapter Part 1 and Chapter Part 2 is for the titles only. The revisions to the numbers of section titles is to indicate the relocation of the entire section. No changes to the content of these sections are proposed.

2015 International Mechanical Code

CHAPTER 1 SCOPE AND ADMINISTRATION

Delete without substitution:

~~**CHAPTER PART 1 — SCOPE AND APPLICATION**~~

SECTION 101 GENERAL

SECTION 102 APPLICABILITY

Add new text as follows:

SECTION 103 ADMINISTRATION AND ENFORCEMENT

103.1 Creation of administration and enforcement. To establish regulations for administration and enforcement of this code, the applicable governing authority shall adopt administrative provisions. Provisions for this are found in [INSERT NAME OF REFERENCED DOCUMENT OR APPENDIX A].

Delete without substitution:

~~**CHAPTER PART 2 — ADMINISTRATION AND ENFORCEMENT**~~

Add new text as follows:

APPENDIX A ADMINISTRATIVE AND ENFORCEMENT PROVISIONS

Note:

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinace.

SECTION A101 GENERAL

A101.1 Purpose. The purpose of this appendix is to provide provisions for administration of the code department and the enforcement of the adopted codes.

SECTION A102 APPLICABILITY

A102.1 General. This appendix, in conjunction with this code, provides minimum requirements for the administration

and enforcement including:

1. Department of mechanical inspections
2. Duties and the powers of the code official
3. Approval
4. Permits
5. Inspections and testing
6. Violation
7. Means of Appeal
8. Temporary equipment, systems and uses

Revise as follows:

SECTION ~~103~~ A103 DEPARTMENT OF MECHANICAL INSPECTION

SECTION ~~104~~ A104 DUTIES AND POWERS OF THE CODE OFFICIAL

SECTION ~~105~~ A105 APPROVAL

SECTION ~~106~~ A106 PERMITS

SECTION ~~107~~ A107 INSPECTIONS AND TESTING

SECTION ~~108~~ A108 VIOLATIONS

SECTION ~~109~~ A109 MEANS OF APPEAL

SECTION ~~110~~ A110 TEMPORARY EQUIPMENT, SYSTEMS AND USES

Part VIII

Staff note: The deletion of Chapter Part 1 and Chapter Part 2 is for the titles only. The revisions to the numbers of section titles is to indicate the relocation of the entire section. No changes to the content of these sections are proposed.

2015 International Private Sewage Disposal Code

CHAPTER 1 SCOPE AND ADMINISTRATION

Delete without substitution:

~~**CHAPTER PART 1 — SCOPE AND APPLICATION**~~

SECTION 101 GENERAL

SECTION 102 APPLICABILITY

Add new text as follows:

SECTION 103 ADMINISTRATION AND ENFORCEMENT

103.1 Creation of Administration and Enforcement. To establish regulations for administration and enforcement of this code, the applicable governing authority shall adopt administrative provisions. Provisions for this are found in [INSERT NAME OF REFERENCED DOCUMENT OR APPENDIX A].

Delete without substitution:

~~**CHAPTER PART 2 — ADMINISTRATION AND ENFORCEMENT**~~

Add new text as follows:

APPENDIX A ADMINISTRATIVE AND ENFORCEMENT PROVISIONS

Note:

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinace.

SECTION A101 GENERAL

A101.1 Purpose. The purpose of this appendix is to provide provisions for administration of the code department and the enforcement of the adopted codes.

SECTION A102 APPLICABILITY

A102.1 General. This appendix, in conjunction with this code, provides minimum requirements for the administration and enforcement including:

1. Department of Private Sewage Disposal Inspection
2. Duties and powers of the code official
3. Approval
4. Permits

5. Inspections
6. Violations
7. Means of appeal
8. Temporary equipment, systems and uses

Revise as follows:

SECTION ~~103~~ A103 DEPARTMENT OF PRIVATE SEWAGE DISPOSAL INSPECTION

SECTION ~~104~~ A104 DUTIES AND POWERS OF THE CODE OFFICIAL

SECTION ~~105~~ A105 APPROVAL

SECTION ~~106~~ A106 PERMITS

SECTION ~~107~~ A107 INSPECTIONS

SECTION ~~108~~ A108 VIOLATIONS

SECTION ~~109~~ A109 MEANS OF APPEAL

SECTION ~~110~~ A110 TEMPORARY EQUIPMENT, SYSTEMS AND USES

Part IX

Staff note: The deletion of Chapter Part 1 and Chapter Part 2 is for the titles only. The revisions to the numbers of section titles is to indicate the relocation of the entire section. No changes to the content of these sections are proposed.

2015 International Fuel Gas Code

CHAPTER 1 SCOPE AND ADMINISTRATION

Delete without substitution:

~~CHAPTER PART 1 — SCOPE AND APPLICATION~~

SECTION 101 (IFGC) GENERAL

SECTION 102 (IFGC) APPLICABILITY

Add new text as follows:

SECTION 103 ADMINISTRATION AND ENFORCEMENT

103.1 Creation of administration and enforcement. To establish regulations for administration and enforcement of this code, the applicable governing authority shall adopt administrative provisions. Provisions for this are found in [INSERT NAME OF REFERENCED DOCUMENT OR APPENDIX A].

Delete without substitution:

~~CHAPTER PART 2 — ADMINISTRATION AND ENFORCEMENT~~

Add new text as follows:

APPENDIX A ADMINISTRATIVE AND ENFORCEMENT PROVISIONS

Note:

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinace.

SECTION A101 GENERAL

A101.1 Purpose. The purpose of this appendix is to provide provisions for administration of the code department and the enforcement of the adopted codes.

SECTION A102 APPLICABILITY

A102.1 General. This appendix, in conjunction with this code, provides minimum requirements for the administration and enforcement including:

1. Department of inspection
2. Duties and powers of the code official
3. Approval
4. Permits
5. Inspections and testing
6. Violations
7. Means of appeal
8. Temporary equipment, systems and uses

Revise as follows:

SECTION ~~103~~ A103 (IFGC) DEPARTMENT OF INSPECTION

SECTION ~~104~~ A104 (IFGC) DUTIES AND POWERS OF THE CODE OFFICIAL

SECTION ~~105~~ A105 (IFGC) APPROVAL

SECTION ~~106~~ A106 (IFGC) PERMITS

SECTION ~~107~~ A107 (IFGC) INSPECTIONS AND TESTING

SECTION ~~108~~ A108 (IFGC) VIOLATIONS

SECTION ~~109~~ A109 (IFGC) MEANS OF APPEAL

SECTION ~~110~~ A110 (IFGC) TEMPORARY EQUIPMENT, SYSTEMS AND USES

Part X

Staff note: The deletion of Chapter Part 1 and Chapter Part 2 is for the titles only. The revisions to the numbers of section titles is to indicate the relocation of the entire section. No changes to the content of these sections are proposed.

2015 International Property Maintenance Code

CHAPTER 1 SCOPE AND ADMINISTRATION

Delete without substitution:

~~**CHAPTER PART 1 — SCOPE AND APPLICATION**~~

SECTION 101 GENERAL

SECTION 102 APPLICABILITY

Add new text as follows:

SECTION 103 ADMINISTRATION AND ENFORCEMENT

103.1 Creation of administration and enforcement. To establish regulations for administration and enforcement of this code, the applicable governing authority shall adopt administrative provisions. Provisions for this are found in [INSERT NAME OF REFERENCED DOCUMENT OR APPENDIX A].

Delete without substitution:

~~**CHAPTER PART 2 — ADMINISTRATION AND ENFORCEMENT**~~

Add new text as follows:

APPENDIX A ADMINISTRATIVE AND ENFORCEMENT PROVISIONS

Note:

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinace.

SECTION A101 GENERAL

A101.1 Purpose. The purpose of this appendix is to provide provisions for administration of the code department and the enforcement of the adopted codes.

SECTION A102 APPLICABILITY

A102.1 General. This appendix, in conjunction with this code, provides minimum requirements for the administration and enforcement including:

1. Department of Propery Maintenance inspection
2. Duties and powers of the code official
3. Approval
4. Violations
5. Notice and orders
6. Unsafe structures and equipment
7. Emergency measures
8. Demolition
9. Means of appeal
10. Stop work order

Revise as follows:

SECTION ~~103~~ A103 DEPARTMENT OF PROPERTY MAINTENANCE INSPECTION

SECTION ~~104~~ A104 DUTIES AND POWERS OF THE CODE OFFICIAL

SECTION ~~105~~ A105 APPROVAL

SECTION ~~106~~ A106 VIOLATIONS

SECTION ~~107~~ A107 NOTICES AND ORDERS

SECTION ~~108~~ A108 UNSAFE STRUCTURES AND EQUIPMENT

SECTION ~~109~~ A109 EMERGENCY MEASURES

SECTION ~~110~~ A110 DEMOLITION

SECTION ~~111~~ A111 MEANS OF APPEAL

SECTION ~~112~~ A112 STOP WORK ORDER

Part XI

Staff note: The deletion of Chapter Part 1 and Chapter Part 2 is for the titles only. The revisions to the numbers of section titles is to indicate the relocation of the entire section. No changes to the content of these sections are proposed.

2015 International Wildland-Urban Interface Code

CHAPTER 1 SCOPE AND ADMINISTRATION

Delete without substitution:

~~**CHAPTER PART 1 — GENERAL PROVISIONS**~~

SECTION 101 SCOPE AND GENERAL REQUIREMENTS

SECTION 102 APPLICABILITY

Add new text as follows:

SECTION 103 ADMINISTRATION AND ENFORCEMENT

103.1 Creation of administration and enforcement. To establish regulations for administration and enforcement of this code, the applicable governing authority shall adopt administrative provisions. Provisions for this are found in [INSERT NAME OF REFERENCED DOCUMENT OR APPENDIX A].

Delete without substitution:

~~**CHAPTER PART 2 — ADMINISTRATIVE PROVISIONS**~~

Add new text as follows:

APPENDIX A ADMINISTRATIVE AND ENFORCEMENT PROVISIONS

Note:

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinace.

SECTION A101 GENERAL

A101.1 Purpose. The purpose of this appendix is to provide provisions for administration of the code department and the enforcement of the adopted codes.

SECTION A102 APPLICABILITY

A102.1 General. This appendix, in conjunction with this code, provides minimum requirements for the administration and enforcement including:

1. Enforcement agency
2. Authority of the code official
3. Compliance alternatives
4. Appeals
5. Permits
6. Plans and specifications
7. Inspection and enforcement
8. Certificate of completion
9. Temporary structures and uses
10. Fees
11. Service utilities
12. Stop work order

Revise as follows:

SECTION ~~103~~ A103 ENFORCEMENT AGENCY

SECTION ~~104~~ A104 AUTHORITY OF THE CODE OFFICIAL

SECTION ~~105~~ A105 COMPLIANCE ALTERNATIVES

SECTION ~~106~~ A106 APPEALS

SECTION ~~107~~ A107 PERMITS

SECTION ~~108~~ A108 PLANS AND SPECIFICATIONS

SECTION ~~109~~ A109 INSPECTION AND ENFORCEMENT

SECTION ~~110~~ A110 CERTIFICATE OF COMPLETION

SECTION ~~111~~ A111 TEMPORARY STRUCTURES AND USES

SECTION ~~112~~ A112 FEES

SECTION ~~113~~ A113 SERVICE UTILITIES

SECTION ~~114~~ A114 STOP WORK ORDER

Part XII

Staff note: The deletion of Chapter Part 1 and Chapter Part 2 is for the titles only. The revisions to the numbers of section titles is to indicate the relocation of the entire section. No changes to the content of these sections are proposed.

2015 International Zoning Code

CHAPTER 1 SCOPE AND ADMINISTRATION

Delete without substitution:

~~CHAPTER PART 1 — SCOPE AND APPLICATION~~

SECTION 101 GENERAL

SECTION 102 FEES

Add new text as follows:

SECTION 103 ADMINISTRATION AND ENFORCEMENT

103.1 Creation of Administration and Enforcement. To establish regulations for administration and enforcement of this code, the applicable governing authority shall adopt administrative provisions. Provisions for this are found in [INSERT NAME OF REFERENCED DOCUMENT OR APPENDIX A].

Delete without substitution:

~~CHAPTER PART 2 — ADMINISTRATION AND ENFORCEMENT~~

Add new text as follows:

APPENDIX A ADMINISTRATIVE AND ENFORCEMENT PROVISIONS

Note:

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinace.

SECTION A101 GENERAL

A101.1 Purpose. The purpose of this appendix is to provide provisions for administration of the code department and the enforcement of the adopted codes.

SECTION A102 APPLICABILITY

A102.1 General. This appendix, in conjunction with this code, provides minimum requirements for the administration and enforcement including:

1. Existing buildings and uses
2. Duties and powers of the zoning code official
3. Planning Commission
4. Compliance with the code
5. Board of Adjustment
6. Hearing Examiner
7. Hearins, appeals and amendments
8. Violations
9. Permits and approvals

Revise as follows:

SECTION ~~103~~ A103 EXISTING BUILDINGS AND USES

SECTION ~~104~~ A104 DUTIES AND POWERS OF THE ZONING CODE OFFICIAL

SECTION ~~105~~ A105 PLANNING COMMISSION

SECTION ~~106~~ A106 COMPLIANCE WITH THE CODE

SECTION ~~107~~ A107 BOARD OF ADJUSTMENT

SECTION ~~108~~ A108 HEARING EXAMINER

SECTION ~~109~~ A109 HEARINGS, APPEALS AND AMENDMENTS

SECTION ~~110~~ A110 VIOLATIONS

SECTION ~~111~~ A111 PERMITS AND APPROVALS

Part XIII

Staff note: The revisions to the numbers of section titles is to indicate the relocation of the entire section. No changes to the content of these sections are proposed.

2015 ICC Performance Code for Buildings and Facilities

CHAPTER 1 GENERAL ADMINISTRATIVE PROVISIONS

SECTION 101 INTENT AND PURPOSE

SECTION 102 SCOPE

Add new text as follows:

SECTION 103 ADMINISTRATION AND ENFORCEMENT

103.1 Creation of administration and enforcement. To establish regulations for administration and enforcement of this code, the applicable governing authority shall adopt administrative provisions. Provisions for this are found in [INSERT NAME OF REFERENCED DOCUMENT OR APPENDIX A].

APPENDIX A ADMINISTRATIVE AND ENFORCEMENT PROVISIONS

Note:

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinace.

SECTION A101 GENERAL

A101.1 Purpose. The purpose of this appendix is to provide provisions for administration of the code department and the enforcement of the adopted codes.

SECTION A102 APPLICABILITY

A102.1 General. This appendix, in conjunction with this code, provides minimum requirements for the administration and enforcement including:

1. Administrative provisions
2. Acceptable methods

Revise as follows:

SECTION ~~103~~ A103 ADMINISTRATIVE PROVISIONS

SECTION ~~104~~ A104 ACCEPTABLE METHODS

Part XIV

Staff note: The deletion of Chapter Part 1 and Chapter Part 2 is for the titles only. The revisions to the numbers of section titles is to indicate the relocation of the entire section. No changes to the content of these sections are proposed.

2015 International Swimming Pool and Spa Code

CHAPTER 1 SCOPE AND ADMINISTRATION

Delete without substitution:

~~**CHAPTER PART 1 — SCOPE AND APPLICATION**~~

SECTION 101 GENERAL

SECTION 102 APPLICABILITY

Add new text as follows:

SECTION 103 ADMINISTRATION AND ENFORCEMENT

103.1 Creation of Administration and Enforcement. To establish regulations for administration and enforcement of this code, the applicable governing authority shall adopt administrative provisions. Provisions for this are found in

[INSERT NAME OF REFERENCED DOCUMENT OR APPENDIX A].

Delete without substitution:

~~CHAPTER PART 2 — ADMINISTRATION AND ENFORCEMENT~~

Add new text as follows:

APPENDIX A ADMINISTRATIVE AND ENFORCEMENT PROVISIONS

Note:

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinace.

SECTION A101 GENERAL

A101.1 Purpose. The purpose of this appendix is to provide provisions for administration of the code department and the enforcement of the adopted codes.

SECTION A102 APPLICABILITY

A102.1 General. This appendix, in conjunction with this code, provides minimum requirements for the administration and enforcement including:

1. Department of Building Safety
2. Duties and powers of the code official
3. Permits
4. Inspections
5. Violations
6. Means of appeal

Revise as follows:

SECTION ~~103~~ A103 DEPARTMENT OF BUILDING SAFETY

SECTION ~~104~~ A104 DUTIES AND POWERS OF THE CODE OFFICIAL

SECTION ~~105~~ A105 PERMITS

SECTION ~~106~~ A106 INSPECTIONS

SECTION ~~107~~ A107 VIOLATIONS

SECTION ~~108~~ A108 MEANS OF APPEAL

Part XV

Staff note: The deletion of Chapter Part 1 and Chapter Part 2 is for the titles only. The revisions to the numbers of section titles is to indicate the relocation of the entire section. No changes to the content of these sections are proposed.

2015 International Existing Building Code

CHAPTER 1 SCOPE AND ADMINISTRATION

Delete without substitution:

~~CHAPTER PART 1 — SCOPE AND APPLICATION~~

SECTION 101 GENERAL

SECTION 102 APPLICABILITY

Add new text as follows:

SECTION 103 ADMINISTRATION AND ENFORCEMENT

103.1 Creation of Administration and Enforcement. To establish regulations for administration and enforcement of this code, the applicable governing authority shall adopt administrative provisions. Provisions for this are found in [INSERT NAME OF REFERENCED DOCUMENT OR APPENDIX A].

Delete without substitution:

~~CHAPTER PART 2 — ADMINISTRATION AND ENFORCEMENT~~

Add new text as follows:

APPENDIX A ADMINISTRATIVE AND ENFORCEMENT PROVISIONS

Note:

The provisions contained in this appendix are not mandatory unless specifically referenced in the adopting ordinace.

SECTION A101 GENERAL

A101.1 Purpose. The purpose of this appendix is to provide provisions for administration of the code department and the enforcement of the adopted codes.

SECTION A102 APPLICABILITY

A102.1 General. This appendix, in conjunction with this code, provides minimum requirements for the administration and enforcement including:
1. Department of buidling safety.
2. Duties and powers of the buidling official.
3. Permits.
4. Construction documents.
6. Temporary structures and uses.
7. Fees.
8. Inspections.
9. Certificate of occupancy.
10. Service Utilities.
11. Board of appeals.
12. Violations.
13. Stop work orders.
14. Unsafe Buildings and Equipment
15. Emergency Measures
16. Demolition

Revise as follows:

SECTION ~~103~~ A103 DEPARTMENT OF BUILDING SAFETY

SECTION ~~104~~ A104 DUTIES AND POWERS OF CODE OFFICIAL

SECTION ~~105~~ A105 PERMITS

SECTION ~~106~~ A106 CONSTRUCTION DOCUMENTS

SECTION ~~107~~ A107 TEMPORARY STRUCTURES AND USES

SECTION ~~108~~ A108 FEES

SECTION ~~109~~ A109 INSPECTIONS

SECTION ~~110~~ A110 CERTIFICATE OF OCCUPANCY

SECTION ~~111~~ A111 SERVICE UTILITIES

SECTION ~~112~~ A112 BOARD OF APPEALS

SECTION ~~113~~ A113 VIOLATIONS

SECTION ~~114~~ A114 STOP WORK ORDER

SECTION ~~115~~ A115 UNSAFE BUILDINGS AND EQUIPMENT

SECTION ~~116~~ A116 EMERGENCY MEASURES

SECTION ~~117~~ A117 DEMOLITION

Reason: Move content of Chapter 1 Part 2 Administration and Enforcement to an appendix -- Leave **Part 1 Scope Section 101 & 102 leave as written.**
As most states adopt the Codes they delete Chapter 1 "Scope and Administration" and leave it up to the local jurisdiction to either adopt it or rewrite it as they see fit.

Many States and Jurisdictions re-write Chapter 1 as they adopt the code. Many Jurisdictions assume that when the state adopted the code they include Chapter 1 which is not the case and if challenged (by law) the jurisdiction is left with no administrative provision.

By moving it to the appendix it will cure many legal problems. NFPA 70 (NEC) had already moved the administrative provisions to an Annex.

Bibliography: 2014 NFPA 70 (NEC) Article 90 and Annex H Administration and Enforcement

Cost Impact: Will not increase the cost of construction
Many states as they do not adopt Chapter 1 of the codes and leave it up to the local jurisdiciton to write their own or adopted the printed one. Many jurisdictions do not adopt it as they assume it was down when the state adopted it. This code change will clarify this situation and will not change construction requirements.

AAMA — American Architectural Manufacturers Association

Standard Reference Number	Title	Referenced in Code(s):									
AAMA/NSA/NPEA 2100-~~12~~ 11	Specifications for Sunrooms	IRC									
AAMA/WDMA/CSA 101/I.S.2/A440-~~11~~16	North American Fenestration Standard/Specification for Windows, Doors, and Skylights	IBC	IRC	IECC							
712-~~11~~ 14	Voluntary Specification for Mechanically Attached Flexible Flashing	IRC									
714-~~12~~ 15	Voluntary Specification for Liquid Applied Flashing Used to Create a Water-Resistive Seal Around Exterior Wall Openings in Buildings	IRC									

ACCA — Air Conditioning Contractors of America

Standard Reference Number	Title	Referenced in Code(s):									
Manual D-20~~11~~ 16	Residential Duct Systems	IMC	IRC								
Manual J-20~~11~~ 16	Residential Load Calculation - Eighth Edition	IECC-R	IRC								
Manual S-~~13~~ 14	Residential Equipment Selection	IECC-R	IRC								

ACI — American Concrete Institute

Standard Reference Number	Title	Referenced in Code(s):									
332-14	Residential Code Requirements for Structural Concrete ~~Construction~~	IRC									
~~530-13~~(This is now a TMS only document)	Building Code Requirements for Masonry Structures	IBC	IRC								
~~530.1-13~~(This is now a TMS only document)	Specifications for Masonry Structures	IBC	IRC								

AFSI — Architectural Fabric Structures Institute International

Standard Reference Number	Title	Referenced in Code(s):									
~~ASI-77~~ FSAAS-16	~~Design and Standard Manual~~ Fabric Structures Association Air Structures 2016	IFC									

AHAM — Association of Home Appliance Manufacturers

Standard Reference Number	Title	Referenced in Code(s):									
AHAM-HRF-1-~~2008~~2016	Energy, Performance and Capacity of Household Refrigerators, Refrigerator-Freezers and Freezers	IECC-C									

AHRI — Air-Conditioning, Heating & Refrigeration Institute

Standard Reference Number	Title	Referenced in Code(s):									
210/240-~~08with Addenda 1 and 2~~ 2016	Performance Rating of Unitary Air-Conditioning and Air-Source Heat Pump Equipment	IECC_C									
310/380-~~04~~2014 (CSA-C744-04)	Standard for Packaged Terminal Air Conditioners and Heat Pumps	IECC-C									
340/360-~~2007 with Addendum 2~~ 2015	Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment	IECC-C									
390-~~03~~ (I-P) 2015	Performance Rating of Single Package Vertical Air Conditioners and Heat Pumps	IECC-C									
400-~~01~~ (I-P)-2015	Performance Rating of Liquid to Liquid Heat Exchangers ~~with Addenda 1 and 2~~	IECC-C									
440-08 with Addendum 1	Performance of Room Fan-Coils	IECC-C									
550/590-20~~11with Addendum 1~~ (I-P)-2015	Performance Rating of Water-Chilling and Heat Pump Water-Heating Packages Using the Vapor Compression Cycle	IECC-C									
700-~~2011~~2015 with Addendum 1	~~Purity~~ Specifications for ~~Fluorocarbon and Other~~ Refrigerants	IMC									
1160 (I-P) - ~~09~~ 2014	Performance Rating of Heat Pump Pool Heaters	IECC-C	ISPSC								
1200-~~2010~~ (I-P)-2013	Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets	IECC-C									

AISC — American Institute of Steel Construction

Standard Reference Number	Title	Referenced in Code(s):									
ANSI/AISC 341-~~10~~ 16	Seismic Provisions for Structural Steel Buildings	IBC									
ANSI/AISC 360-~~10~~16	Specification for Structural Steel Buildings	IBC									

AISI — American Iron and Steel Institute

Standard Reference Number	Title	Referenced in Code(s):									
AISI S100-~~12~~16	North American Specification for the Design of Cold-Formed Steel Structural Members, ~~2012~~ 2016	IBC	IRC								
AISI S220-~~11~~15	North American Standard for Cold-Formed Steel Framing-Nonstructural Members, ~~2011~~ 2015	IRC	IBC								
AISI S230-~~07/S3-12 (2012)~~ 15	Standard for Cold-Formed Steel Framing-Prescriptive Method for One- and Two-Family Dwellings, ~~2007, with Supplement 3, dated 2012 (Reaffirmed 2012)~~ 2015	IRC	IBC								

ALI	Automotive Lift Institute										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
ANSI/ALI ALCTV-~~2011~~2016	Standard for Automotive Lifts - Safety Requirements for Construction, Testing, and Validation	IBC									
AMCA	**Air Movement and Control Association International**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
540-~~08~~13	Test Method for Louvers Impacted by Wind Borne Debris	IBC									
550-~~08~~ 09	Test Method for High Velocity Wind Driven Rain Resistant Louvers	IMC									
ANCE	**Association of the Electric Sector**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
NMX-J-521/2-40-ANCE-~~2012~~2014/ CAN/CSA-22.2 No. 60335-2-40-12/ UL/ 60335-2-40	~~Standard for~~Safety of Household and Similar Electric Appliances, Part 2-40: Particular Requirements for ~~Motor Compressors~~ Heat Pumps, Air Conditioners and Dehumidifiers	IRC									
ANSI	**American National Standards Institute**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
ANSI E1.21-~~2006~~2013	Entertainment Technology-Temporary Structures Used for Technical Production of Outdoor Entertainment Events	IFC									
APA	**APA-The Engineered Wood Association**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
ANSI/~~AITC~~ A 190.1-~~12~~ 2017	Structural Glued Laminated Timber	IBC	IRC								
ANSI/APA PRG-320-~~2011~~ 2017	Standard for Performance-Rated Cross-Laminated Timber	IBC	IRC								
ANSI/APA PRP 210-~~08~~2014	Standard for Performance-Rated Engineered Wood Siding	IBC	IRC								
ANSI/APA PRR 410-~~2011~~2016	Standard for Performance-Rated Engineered Wood Rim Boards	IRC	IBC								
ANSI 117-~~10~~15	Standard Specification for Structured Glued Laminated Timber of Softwood Species	IBC									
APA E30-~~11~~15	Engineered Wood Construction Guide	IRC									
APA PDS Supplement 5-~~12~~ 16	Design and Fabrication of All-plywood Beams (revised 2013)	IBC									
~~EWS~~ APA R540-~~12~~13	Builders Tips: Proper Storage and Handling of Glulam Beams	IBC									
~~EWS~~ APA S475-~~07~~ 16	Glued Laminated Beam Design Tables	IBC									
~~EWS~~ APA S560-~~10~~14	Field Notching and Drilling of Glued Laminated Timber Beams	IBC									
~~EWS~~ APA T300-~~07~~ 16	Glulam Connection Details	IBC									
~~EWS~~ APA X440-~~08~~ 17	Product Guide - Glulam	IBC									
~~EWS~~ APA X450-01	Glulam in Residential Construction - Western Edition	IBC									
APSP	**The Association of Pool & Spa Professionals**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
ANSI/APSP/ICC-4 2012 Includes Addenda A Approved April 4, 2013	American National Standard for Aboveground/Onground Residential Swimming Pools	ISPSC									
ANSI/APSP/ICC-14- ~~11~~2014	American National Standard for Portable Hot Tub Energy Efficiency	ISPSC	IECC-R								
ANSI/APSP/ICC-15~~a-2013~~2011 Includes Addenda A Approved January 9, 2013	American National Standard for Energy Efficiency for Residential Inground Swimming Pools and Spas	ISPSC	IECC-R								
ANSI/APSP/ICC 7-2013	American National Standard for Suction Entrapment Avoidance in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Catch Basins	IBC	IRC	ISPSC							
ASABE	**American Society of Agricultural & Biological Engineers**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
EP 484.~~2JUNE1998~~ 3 MON2016	Diaphragm Design of Metal-Clad, Wood-Frame Rectangular Buildings	IBC									
EP 486.2 OCT 2012ED	Shallow Post and Pier Foundation Design	IBC									
EP 559.~~1~~ 2 ~~W/Corr. 1~~ MON2016	Design Requirements and Bending Properties for Mechanically Laminated Wood Assemblies	IBC									
ASCE	**American Society of Civil Engineers**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
~~ASCE 5-13~~ is now TMS 402	~~Building Code Requirements for Masonry Structures~~ now a TMS standard	IBC	IRC								
~~ASCE 6-13~~ is now TMS 602	~~Specifications for Masonry Structures~~ now a TMS Standard	IBC	IRC								

7-~~10~~ 16	Minimum Design Loads and Associated Criteria for Buildings and Other Structures ~~with Supplement No. 1~~	IBC	IRC	IEBC							
8-~~14~~ 17	Standard Specification for the Design of Cold-formed Stainless Steel Structural Members	IBC									
19-~~09~~ 16	Structural Applications of Steel Cables for Buildings	IBC									
29-~~14~~17	Standard Calculation Methods for Structural Fire Protection	IBC									
32-~~01~~ 17	Design and Construction of Frost Protected Shallow Foundations	IBC	IRC								
41-~~13~~ 17	Seismic Evaluation and Retrofit of Existing Buildings	IEBC									
55-~~10~~16	Tensile Membrane Structures	IBC									

ASHRAE — American Society of Heating, Refrigerating and Air Conditioning Engineers

Standard Reference Number	Title	Referenced in Code(s):									
ANSI/ASHRAE/ACCA 183-(RA~~2011~~2014)	Peak Cooling and Heating Load Calculations in Buildings, Except Low-rise Residential Buildings	IECC-C									
ASHRAE-~~2012~~2016	HVAC Systems and Equipment Handbook	IMC	IECC-C								
ASHRAE-~~2013~~2017	ASHRAE Handbook of Fundamentals	IRC	IECC-R	IMC							
15-~~2013~~ 2016	Safety Standard for Refrigeration Systems	IMC	IFC								
34-~~2013~~ 2016	Designation and Safety Classification of Refrigerants	IRC	IMC								
62.1-~~2013~~ 2016	Ventilation for Acceptable Indoor Air Quality	IMC	IEBC								
90.1-~~2013~~2016	Energy Standard for Buildings Except Low-Rise Residential Buildings	IECC-C									
140-~~2011~~2017	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	IECC-C									
170-~~2008~~2017	Ventilation of Health Care Facilities	IMC									
193-2010 (RA2014)	Method of Test for Determining Air Tightness of HVAC Equipment	IRC	IECC								
13256-1(~~2011~~) (2017)	Water- to-Air and Brine to Air Heat Pumps - Testing and Rating for Performance	IECC									
13256-2(~~2011~~)(2017)	Water-to-Water and Brine-to-Water Heat Pumps - Testing and Rating for Performance	IECC									

ASME — The American Society of Mechanical Engineers

Standard Reference Number	Title	Referenced in Code(s):									
A13.1-~~2007~~ 2015	Scheme for the Identification of Piping Systems	IBC	IFC	IFGC							
A17.3-~~2009~~-2015	Safety Code for Existing Elevators and Escalators	IFC	IEBC								
A18.1-~~2008~~-2014	Safety Standard for Platform Lifts and Stairway Chairlifts	IBC	IFC	IEBC	IRC						
A90.1-~~09~~-2015	Safety Standards for Belt Manlifts	IBC									
A112.1.2-~~2004~~ 2012	Air Gaps in Plumbing Systems	IPC	IRC	ISPSC							
A112.1.3-2000(Reaffirmed 2011) (R2015)	Air Gap Fittings for Use with Plumbing Fixtures, Appliances, and Appurtenances	IPC									
A112.3.1-2007 (R2012)	Stainless Steel Drainage Systems for Sanitary DWV, Storm and Vacuum Applications, Above and Below-Ground	IPC	IRC								
A112.4.14-2004(R~~2010~~) 2016	Manually Operated, Quarter-Turn Shutoff Valves for Use in Plumbing Systems	IRC	IPC								
A112.6.1M-1997~~(Reaffirmed 2008)~~ (R2012)	Floor-Affixed Supports for Off-the-Floor Plumbing Fixtures for Public Use	IPC	IRC								
A112.6.2-2000 (R~~2010~~) 2016	Framing-Affixed Supports for Off-the-Floor Water Closets with Concealed Tanks	IPC	IRC								
A112.6.3-~~2001(R2007)~~ 2016	Floor and Trench Drains	IPC	IRC								
A112.6.4-2003 ~~(R2008)~~ (R2012)	Floor and Trench Drains	IPC	IRC								
A112.6.7-2010 (R2015)	~~Enameled and Epoxy Coated Cast Iron and PVC Plastic~~ Sanitary Floor Sinks	IPC									
A112.6.9-2005~~(R2010)~~2015	Siphonic Roof Drains	IPC									
A112.14.1-2003~~(R2008)~~(R2012)	Backwater Valves	IPC									
A112.14.3-~~2000 (R2004)~~2016	Grease Interceptors	IPC									
A112.14.4-2001 ~~(R2007)~~(R2012)	Grease Removal Devices	IPC									
A112.14.6-2010 (R2015)	FOG (Fats, Oils, and Greases) Disposal Systems	IPC									
A112.18.3M-2002 ~~(R2008)~~ (R2012)	Performance Requirements for Backflow Protection Devices and Systems in Plumbing Fixture Fittings	IPC	IRC								
A112.19.12-~~2006~~2014	Wall Mounted and Pedestal Mounted, Adjustable, Elevating, Tilting, and Pivoting Lavatory~~, and~~ Sink, and Shampoo Bowl Carrier Systems and Drain Waste Systems	IPC	IRC								
A112.19.14-~~2006(R2011)~~2013	Six-Liter Water Closets Equipped with a Dual Flushing Device	IPC	IRC								
A112.19.15-~~2005~~2012	Vitreous China Non-Water Urinals	IPC									
A112.19.19-2006(R2011)	Vitreous China Non-Water Urinals	IPC									
A112.36.2M-1991(~~R2008~~)(R2012)	Cleanouts	IPC	IRC								
ASME A17.1-~~2013~~ 2016/CSA B44-16	Safety Code for Elevators and Escalators	IBC	IFC	IEBC	IRC	IPMC	IECC-C				
ASME A17.7-2007/CSA B44-07 (R2012)	Performance-Based Safety Code for Elevators and Escalators	IBC									
ASME A112.4.2-~~2009~~ 2015 /CSA B45.16-15	Water Closet Personal Hygiene Devices	IPC	IRC								
ASME A112.18.2-~~2011~~2015/CSA B125.1-~~11~~15	Plumbing Waste Fittings	IPC	IRC								
ASME A112.18.6-2009/CSA B125.6-09 (R2014)	Flexible Water Connectors	IPC	IRC								
ASME A112.19.5-~~2011~~2016/CSA	Flush Valves and Spuds for Water Closets,										

B45.15-~~2011~~2016	Urinals and Tanks	IPC	IRC								
B1.20.1-~~1983(R2006)~~2013	Pipe Threads, General Purpose (Inch)	IPC	IMC	IRC							
B16.1-~~2010~~2015	~~Cast~~ Gray Iron Pipe Flanges and Flanged Fittings, Classes 25, 125 and 250	IFGC									
B16.3-~~2011~~2016	Malleable Iron Threaded Fittings Classes 150 and 300	IPC	IRC	IMC							
B16.4 ~~2011~~2016	Gray Iron Threaded Fittings Class 125 and 250	IPC	IRC								
B16.5-~~2009~~2015	Pipe Flanges and Flanged Fittings NPS 1/2 Through NPS 24 Metric/Inch Standard	IMC	IFGC								
B16.9-~~2007~~2012	Factory-Made Wrought Steel Buttwelding Fittings	IPC	IRC	IMC							
B16.11-~~2011~~2016	Forged Fittings, Socket-Welding and Threaded	IPC	IMC	IRC							
B16.12-2009 (R2014)	Cast Iron Threaded Drainage Fittings	IRC	IPC								
B16.15-~~2011~~2013	Cast ~~Bronze~~Alloy Threaded Fittings: Classes 125 and 250	IRC	IMC	IPC	ISPSC						
B16.22-~~2001(R2010)~~2013	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings	IPC	IBC	IRC	IFC	IMC					
B16.23-~~2002(R2011)~~2016	Cast Copper Alloy Solder Joint Drainage Fittings: DWV	IPC	IRC								
B16.24-~~2011~~2016	Cast Copper Alloy Pipe Flanges and Flanged Fittings: Class 150, 300, 400, 600, 900, 1500 and 2500	IMC	IFGC								
B16.26-~~2011~~2016	Cast Copper Alloy Fittings for Flared Copper Tubes	IPC	IMC	IRC							
B16.34-~~2009~~2015	Valves Flanged, Threaded and Welding End	IPC	IRC								
B16.42-~~2011~~2016	Ductile Iron Pipe Flanges and Flanged Fittings, Classes 150 and 300	IFGC									
B16.44-~~2002(R2007)~~2012	Manually Operated Metallic Gas Valves For Use in Above Ground Piping Systems up to 5 psi	IFGC	IRC								
B16.47-~~2011~~2016	Large Diameter Steel Flanges: NPS 26 through NPS 60 Metric/Inch Standard	IFGC									
B16.51-~~2011~~2013	Copper and Copper Alloy Press-Connect Pressure Fittings	IRC	IMC	IPC							
B20.1-~~2009~~ 2015	Safety Standard for Conveyors and Related Equipment	IBC									
B31.1-~~2012~~2016	Power Piping	IFC									
B31.3-~~2012~~2016	Process Piping	IBC	IFC	IFGC							
B31.4-~~2012~~2015	Pipeline Transportation Systems for Liquids and Slurries ~~Hydrocarbons and Other Liquids~~	IFC									
B31.5-~~2010~~2016	Refrigeration Piping and Heat Transfer Components	IPC	IMC								
B31.9-~~2011~~2014	Building Services Piping	IFC	IMC								
B31.12-~~2008~~2014	Hydrogen Piping and Pipelines	IFGC									
B36.10M-2004 (R2015)	Welded and Seamless Wrought Steel Pipe	IFGC	IRC								
BPVC-~~2010/2011 addenda~~ 2015	ASME Boiler & Pressure Vessel Code (2007 Edition)	IMC	IFC	IFGC	IRC						
CSD-1-~~2011~~2016	Controls and Safety Devices for Automatically Fired Boilers	IRC	IMC								
PTC ~~4.1 2008~~ 2013	Fired Steam Generators	IECC									

ASSE | ASSE International

Standard Reference Number	Title	Referenced in Code(s):									
ASSE 1002-~~2008~~ 2015/ASME A112.1002-2015/CSA B125.12-15	~~Performance Requirements for~~ Antisiphon Fill Valves ~~for Water Closet Flush Tanks~~	IPC	IRC								
ASSE 1004-~~2008~~2016	Performance Requirements for Commercial Dishwashing Machines	IPC									
ASSE 1037-~~2010~~2015/ASME A112.1037-2015/CSA B125.37-15	~~Performance Requirements for~~ Pressurized Flushing Devices for Plumbing Fixtures	IPC	IRC								
ASSE 1070-~~2004~~2015/ASME A112.1070-2015/CSA B125.70-15	~~Performance Requirements for~~ Water Temperature Limiting Devices	IRC	IPC								
1001-~~2008~~2016	Performance Requirements for Atmospheric Type Vacuum Breakers	IPC	IRC								
1011-~~2004~~2016	Performance Requirements for Hose Connection Vacuum Breakers	IRC	IPC								
1013-~~2009~~2017	Performance Requirements for Reduced Pressure Principle Backflow Preventers and Reduced Pressure Principle Fire Protection Backflow Preventers	IPC	IRC								
1015-~~2009~~2017	Performance Requirements for Double Check Backflow Prevention Assemblies and Double Check Fire Protection Backflow Prevention Assemblies	IPC	IRC								
1018-~~2010~~2017	Performance Requirements for Trap Seal Primer Valves - Potable Water Supplied	IPC	IRC								
1019-~~2011~~2016	Performance Requirements for Vacuum Breaker Wall Hydrants, Freeze Resistant, Automatic Draining Type	IPC	IRC								
1022-~~2003~~2016	Performance Requirements for Backflow Preventer for Beverage Dispensing Equipment	IPC									
1023-~~1979~~2016	Performance Requirements for Hot Water Dispensers - Household Storage Type - Electrical	IRC									
1024-~~2004~~2016	Performance Requirements for Dual Check Valve Backflow Preventers, Anti-Siphon-type, Residential Applications	IRC	IPC								
1047-~~2009~~2017	Performance Requirements for Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies	IPC	IRC								
1048-~~2009~~2017	Performance Requirements for Double Check Detector Fire Protection Backflow Prevention Assemblies	IRC	IPC								

1052-~~2004~~2016	Performance Requirements for Hose Connection Backflow Preventers	IRC	IPC								
1055-~~2009~~2016	Performance Requirements for Backflow Devices for Chemical Dispensing Systems	IPC									
1056-~~2010~~2013	Performance Requirements for Spill Resistant Vacuum Breaker	IPC	IRC								
1060-~~2006~~2016	Performance Requirements for Outdoor Enclosures for Fluid Conveying Components	IPC	IRC								
1061-~~2010~~2015	Performance Requirements for ~~Removable and Non-Removable~~ Push Fit Fittings	IPC	IRC								
1062-~~2006~~2016	Performance Requirements for Temperature Actuated, Flow Reduction (TAFR) Valves to Individual Supply Fittings	IPC	IRC								
1066-~~1997~~2016	Performance Requirements for Individual Pressure Balancing In-Line Valves for Individual Fixture Fittings	IPC	IRC								
2060-~~2006~~2016	Performance Requirements for Outdoor Enclosures for Fluid Conveying Components	IPC	IRC								
5013-~~2009~~2015	Performance Requirements for Testing Reduced Pressure Principle Backflow Preventers (RP) and Reduced Pressure Principle Fire Protection Backflow Preventers (RFP)	IPC									
5015-~~2009~~2015	Performance Requirements for Testing Double Check Valve Backflow Prevention Assembly (DC) and Double Check Fire Protection Backflow Prevention Assemblies (DCF)	IPC									
5020-~~2009~~2015	Performance Requirements for Testing Pressure Vacuum Breaker Assemblies (PVBA)	IPC									
5047-~~2009~~2015	Performance Requirements for Testing Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies (RPDA)	IPC									
5048-~~2009~~2015	Performance Requirements for Testing Double Check Valve Detector Assembly (DCDA)	IPC									
5056-~~2009~~2015	Performance Requirements for Testing Spill Resistant Vacuum Breaker (SRVB)	IPC									
ASSE-Safety	**American Society of Safety Engineers**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
ANSI/ASSE Z359.1-~~2007~~2016	~~Safety~~ Requirements for ~~Personal Fall Arrest Systems, Subsystems and Components, Part of~~ the ANSI/ASSE Z359 Fall Protection Code	IBC	IFC	IMC							
ASTM	**ASTM**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
A6/A6M-~~11~~ 14	Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes and Sheet	IBC									
A36/A 36M-~~08~~ 14	Specification for Carbon Structural Steel	IBC	IRC								
A74-~~13A~~15	Specification for Cast Iron Soil Pipe and Fittings	IPC	IMC	IRC	IFGC						
A106/A 106M-~~11~~14	Specification for Seamless Carbon Steel Pipe for High-Temperature Service	IMC	IRC	IFGC							
A123/A123M-~~02~~15	Specification of Zinc (Hot-Dip Galvanized) Coating on Iron and Steel Products	IBC									
A126-~~09~~04(2014)	Gray Iron Castings for Valves, Flanges, and Pipe Fittings	IMC	IRC								
A182-~~13~~15	Standard Specification for Forged and Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings and Valves and Parts for High-Temperature Service	ISPSC									
A234/A234M-~~11a~~15	Standard Specification for Piping Fittings of Wrought CarbonSteel and Alloy Steel for Moderate and High Temperature Service	IMC									
A240/A240M-~~13A~~15a	Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet and Strip for Pressure Vessels and for General Applications	IBC	IRC	ISPSC							
A254-~~97(2007)~~12	Specification for Copper Brazed Steel Tubing	IMC	IRC	IFGC							
A283/A283M-~~12A~~13	Specification for Low and Intermediate Tensile Strength Carbon Steel Plates	IBC									
A307-~~12~~14	Specification for Carbon Steel Bolts and Studs, 60,000 psi Tensile Strength	IRC									
A312/A312M-~~13A~~15A	Specification for Seamless, and Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes	IPC	IRC	ISPSC							
A395/A395-99~~(2009)~~(2014)	Standard Specification for Ferritic Ductile Iron Pressure-Retaining Casting for Use at Elevated Temperatures	IMC									
A403-~~13~~15	Standard Specification for Wrought Austenitic Stainless Steel Piple Fittings	ISPSC									
A416/A416M-~~12A~~15	Specification for Steel Strand, Uncoated Seven-Wire for Prestressed Concrete	IBC									
A420A/A 420M-~~10A~~14	Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Low-Temperature Service	IMC									
A463M/A 463M-~~10~~15	Specification for Steel Sheet, Aluminum-Coated, by the Hot Dip Process	IBC	IRC								
A510/A510M-13	Specification For General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel, Alloy Steel	IRC									
A536-84~~(2009)~~(2014)	Standard Specification for Ductile Iron Castings	IMC									
	Specification for High-Strength Low-Alloy										

A572/A572M-~~12A~~15	Columbium-Vanadium Structural Steel	IBC									
A588/A588M-~~10~~15	Specification for High-Strength Low-Alloy Structural Steel with 50 ksi (345 Mpa) Minimum Yield Point, with Atmospheric Corrosion Resistance	IBC									
A615/A615M-~~12~~2015aE1	Specification for Deformed and Plain ~~Billet~~ Carbon-Steel Bars for Concrete Reinforcement	IBC	IRC								
A641/A641M-09A(2014)	Specification for Zinc-Coated (Galvanized) Carbon Steel Wire	IRC									
A653/A653M-~~11~~15	Specification for Steel Sheet, Zinc-Coated Galvanized or Zinc-Iron Alloy-Coated Galvannealed by the Hot-Dip Process	IBC	IRC								
A690/690M-~~07(2012)~~13a	Standard Specification for High-Strength Low-Alloy Nickel, Copper Phosphorus Steel H-Piles and Sheet Piling with Atmospheric Corrosion Resistance for Use in Marine Environments	IBC									
A706/A706M-~~09b~~15	Specification for Low-Alloy Steel Deformed and Plain Bars for Concrete Reinforcement	IBC	IRC								
A722/A722M-~~12~~15	Specification for ~~Uncoated~~ High-Strength Steel Bar for Prestressing Concrete	IBC									
A733-~~2003(2009)e1~~15	Specification for Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples	IPC									
A755/A755M-~~2011~~15	Specification for Steel Sheet, Metallic-Coated by the Hot-Dip Process and Prepainted by the Coil-coating Process for Exterior Exposed Building Products	IBC	IRC								
A767/A767M-~~05~~09	Specification for Zinc-Coated (Galvanized) Steel Bars for Concrete Reinforcement	IBC									
A775/A775M-07B(2014)	Specification for Epoxy-Coated Steel Reinforcing Bars	IBC									
A778-~~01(2009)e1~~ /A778M-15	Specification for Welded Unannealed Austenitic Stainless Steel Tubular Products	IPC	IRC								
A792/A792M-10(2015)	Specification for Steel Sheet, 55% Aluminum-Zinc Alloy-Coated by the Hot-Dip Process	IBC	IRC								
A875/A875M-13	Standard Specification for Steel Sheet Zinc-5%, Aluminum Alloy-Coated by the Hot-Dip Process	IBC	IRC								
A888-~~13A~~15	Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Application	IPC	IPSDC	IRC							
A924/A924M-~~13~~14	Standard Specification for General Requirements for Steel Sheet, Metallic Coated by the Hot Dip Process	IBC	IRC								
A951/A951M-~~11~~14	Specification for Steel Wire Masonry Joint Reinforcement	IRC									
A996/A996M-~~2009b~~15	Specification for Rail-Steel and Axle-Steel Deformed Bars for Concrete Reinforcement	IRC									
A1003/A1003M-~~13A~~15	Standard Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members	IRC									
B32-08(2014)	Specification for Solder Metal	IPC	IMC	IRC	IPSDC						
B42-~~10~~2015A	Specification for Seamless Copper Pipe, Standard Sizes	IPC	IBC	IRC	IFC						
B43-~~09~~15	Specification for Seamless Red Brass Pipe, Standard Sizes	IPC	IBC	IRC	IFC						
B68/B68M-11	Specification for Seamless Copper Tube, Bright Annealed (Metric)	IBC	IFC	IMC							
B75/B75M-11	Specification for Seamless Copper Tube	IPC	IPSDC	IRC	IMC						
B88-~~09~~14	Specification for Seamless Copper Water Tube	IPC	IBC	IPSDC	IRC						
B209-~~10~~14	Specification for Aluminum and Aluminum-Alloy Steel and Plate	IBC	IRC								
B227-~~10~~15	Specification for Hard-Drawn Copper-Clad Steel Wire	IRC									
B280-~~08~~13	Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service	IMC	IFC	IBC	IFGC						
B306-~~09~~13	Specification for Copper Drainage Tube (DWV)	IPC	IRC								
B370-12	Specification for ~~Cold Rolled~~ Copper Sheet and Strip for Building Construction	IBC	IRC								
B584-~~11~~14	Standard Specification for Copper Alloy Sand Castings for General Applications	IMC									
C4-04~~(2009)~~(14)	Specification for Clay Drain Tile and Perforated Clay Drain Tile	IPC	IPSDC	IRC							
C14-~~11~~15a	Specification for Nonreinforced Concrete Sewer, Storm Drain, And Culvert Pipe	IPC	IPSDC	IRC							
C22/C22M-00~~(2010)~~ 2015	Specification for Gypsum	IBC	IRC								
C27-98~~(2008)~~(13)	Specification for Standard Classification of Fireclay and High-Alumina Refractory Brick	IBC	IRC								
C28/C28M-10(2015)	Specification for Gypsum Plasters	IBC	IRC								
C31/C31M-~~12~~15	Practice for Making and Curing Concrete Test Specimens in the Field	IBC									
C34-~~12~~13	Clay Load-Bearing Wall Tile	IBC	IRC								
C35/C35M-~~1995(2009)~~ (2014)	Specification for Inorganic Aggregates for Use in Gypsum Plaster	IBC	IRC								
C55-~~2011~~2014A	Specification for Concrete Building Brick	IBC	IRC								
C56-~~12~~13	Specification for Structural Clay Non-Lead-Bearing Tile	IRC									
C59/C59M-00(2011) 2015	Specification for Gypsum Casting Plaster and Molding Plaster	IBC	IRC								
C61/C61M-00~~(2011)~~2015	Specification for Gypsum Keene's Cement	IBC	IRC								
C62-13A	Specification for Building Brick (Solid Masonry Units Made From Clay or Shale)	IBC	IRC								
C67-~~13~~14	Test Methods of Sampling and Testing Brick and Structural Clay Tile	IBC									

C73-~~10~~14	Specification for Calcium Silicate Face Brick (Sand-Lime Brick)	IBC	IRC								
C76-~~13A~~15A	Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe	IPC	IPSDC	IRC							
C90-~~13~~14	Specification for Loadbearing Concrete Masonry Units	IBC	IRC	IECC-C	IEBC						
C91/C91M-12	Specification for Masonry Cement	IBC	IRC								
C94/C94M-~~13~~15A	Specification for Ready-Mixed Concrete	IBC	IRC								
C109/C109M-~~12~~2015e1	Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-MM] Cube Specimens)	IRC									
C126-~~13~~15	Specification for Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units	IRC									
C129-~~11~~14A	Specification for Nonload-bearing Concrete Masonry Units	IRC									
C140/C140M-~~13~~15	Test Method Sampling and Testing Concrete Masonry Units and Related Units	IBC	IRC								
C141/C141M-~~09~~14	Standard Specification for Hydrated Hydraulic Lime for Structural Purposes	IRC									
C143/C143M-~~12~~15	Test Method for Slump of Hydraulic Cement Concrete	IRC									
C150/C150M-~~12~~15	Specification for Portland Cement	IBC	IRC								
C172/C172M-~~10~~14A	Practice for Sampling Freshly Mixed Concrete	IBC									
C206-~~13~~14	Specification for Finished Hydrated Lime	IBC	IRC								
C212-~~10~~14	Specification for Structural Clay Facing Tile	IBC	IRC								
C216-~~13~~15	Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale)	IBC	IRC								
C270-~~12a~~14A	Specification for Mortar for Unit Masonry	IBC	IRC								
C296/C296M-00~~(2009)e1~~2015	Specification for Asbestos-Cement Pressure Pipe	IPC	IRC								
C317/C317M-00~~(2010)~~(2015)	Specification for Gypsum Concrete	IBC									
C330/C330M-~~2009~~14	Specification for Lightweight Aggregates for Structural Concrete	IBC									
C331/C331-~~2010~~2014	Specification for Lightweight Aggregates for Concrete Masonry Units	IBC									
C406/C406M-~~2010~~15	Specification for Roofing Slate	IBC	IRC								
C425-04~~(2009)~~(2013)	Specification for Compression Joints for Vitrified Clay Pipe and Fittings	IPC	IPSDC	IRC							
C472-99~~(2009)~~ (2014)	Specification for Standard Test Methods for Physical Testing of Gypsum, Gypsum Plasters and Gypsum Concrete	IBC									
C473-~~12~~15	Test Methods for Physical Testing of Gypsum Panel Products	IBC									
C474-~~13~~15	Test Methods for Joint Treatment Materials for Gypsum Board Construction	IBC									
C475/C475M-~~12~~15	Specification for Joint Compound and Joint Tape for Finishing Gypsum Wallboard	IBC	IRC								
C503/C503M-2010	Specification for Marble Dimension Stone (Exterior)	IRC									
C508-00/C508M-00~~(2009)E1~~(2015)	Specification for Asbestos-Cement Underdrain Pipe	IPC	IRC								
C514-04~~(2009)e1~~ (2014)	Specification for Nails for the Application of Gypsum Board	IBC	IRC								
C516-08(2014)E1	Specification for Vermiculite Loose Fill Thermal Insulation	IBC									
C518-~~04~~15	Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus	IECC									
C547-~~12~~15	Specification for Mineral Fiber Pipe Insulation	IBC									
C552-~~12b~~15	Standard Specification for Cellular Glass Thermal Insulation	IBC	IRC								
C564-~~12~~14	Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings	IPC	IPSDC	IRC							
C568/C568M-2010	Specification for Limestone Dimension Stone	IRC									
C578-~~12B~~15	Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation	IBC	IRC								
C587-04~~(2009)~~(2014)	Specification for Gypsum Veneer Plaster	IBC	IRC								
C595/C595M-~~13~~14E1	Specification for Blended Hydraulic Cements	IBC	IRC								
C629-10/C629M-10	Specification for Slate Dimension Stone	IRC									
C631-09(2014)	Specification for Bonding Compounds for Interior Gypsum Plastering	IBC	IRC								
C635/C635M-13A	Specification for the Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-In Panel Ceilings	IBC									
C636/C636M-~~08~~13	Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels	IBC									
C645-~~13~~14	Specification for Nonstructural Steel Framing Members	IBC	IRC								
C652-~~13~~15	Specification for Hollow Brick (Hollow Masonry Units Made from Clay or Shale)	IBC	IRC								
C685/C685M-~~11~~ 14	Specification for Concrete Made by Volumetric Batching and Continuous Mixing	IRC									
C726-12	Standard Specification for Mineral ~~Fiber~~Wool Roof Insulation Board	IBC									
C726-12	Standard Specification for Mineral ~~Fiber~~ Wool Roof Insulation Board	IBC									
C728-~~05(2013)~~ 15	Standard Specification for Perlite Thermal Insulation Board	IBC	IRC								
	Specification for Prefaced Concrete and Calcium										

C744-~~11~~14	Silicate Masonry Units	IBC	IRC								
C754-~~11~~15	Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products	IBC									
C836/C836M-~~12~~15	Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course	IBC	IRC								
C840-~~11~~13	Specification for Application and Finishing of Gypsum Board	IBC									
C841-03~~(2008)e1~~ (2013)	Specification for Installation of Interior Lathing and Furring	IBC									
C842-05~~(2010)e1~~ (2015)	Specification for Application of Interior Gypsum Plaster	IBC									
C844-~~04(2010)~~ 2015	Specification for Application of Gypsum Base to Receive Gypsum Veneer Plaster	IBC	IRC								
C847-~~12~~14A	Specification for Metal Lath	IBC	IRC								
C887-~~05(2010)~~ 13	Specification for Packaged, Dry, Combined Materials for Surface Bonding Mortar	IBC	IRC								
C897-~~05(2009)~~ 15	Specification for Aggregate for Job-Mixed Portland Cement-Based Plasters	IBC	IRC								
C920-~~11~~14A	Standard Specification for Elastomeric Joint Sealants	IBC	IRC								
C926-~~13~~ 15B	Specification for Application of Portland Cement-Based Plaster	IBC	IRC								
C933-~~13~~14	Specification for Welded Wire Lath	IBC	IRC								
C954-~~11~~15	Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 inch (0.84 mm) to 0.112 inch (2.84 mm) in Thickness	IBC	IRC								
C955-~~11C~~15	Standard Specification for Load-bearing Transverse and Axial Steel Studs, Runners Tracks, and Bracing or Bridging, for Screw Application of Gypsum Panel Products and Metal Plaster Bases	IBC	IRC								
C956-04~~(2010)~~ (2015)	Specification for Installation of Cast-in-Place Reinforced Gypsum Concrete	IBC									
C957-~~10~~/C957M-15	Specification for High-Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane with Integral Wearing Surface	IBC	IRC								
C1002-~~07~~14	Specification for Steel Self Piercing Tapping~~Drill~~ Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs	IBC	IRC								
C1007-11a(2015)	Specification for Installation of Load Bearing (Transverse and Axial) Steel Studs and Related Accessories	IBC									
C1029-~~13~~15	Specification for Spray-Applied Rigid Cellular Polyurethane Thermal Insulation	IBC	IRC								
C1032-~~06(2011)~~ 14	Specification for Woven Wire Plaster Base	IBC	IRC								
C1047-~~10A~~2014a	Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base	IBC	IRC								
C1063-~~12D~~15a	Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster	IBC	IRC								
C1088-~~13~~14	Specification for Thin Veneer Brick Units Made From Clay or Shale	IBC	IRC								
C1107/C1107-~~13~~14A	Standard Specification for Packaged Dry, Hydraulic-Cement Grout (Nonshrink)	IRC									
C1116/C1116M-10~~A~~(2015)	Standard Specification for Fiber - Reinforced Concrete and Shotcrete	IRC									
C1173-10~~E1~~ (2014)	Specification for Flexible Transition Couplings for Underground Piping Systems	IPC	IPSDC	IRC							
C1177/C1177M-~~08~~13	Specification for Glass Mat Gypsum Substrate for Use as Sheathing	IBC	IRC								
C1178/C1178M-~~11~~13	Specification for Coated Mat Water-Resistant Gypsum Backing Panel	IBC	IRC								
C1186-08(2012)	Specification for Flat ~~Nonasbestos~~ Fiber Cement Sheets	IBC	IRC								
C1261-~~10~~13	Specification for Firebox Brick for Residential Fireplaces	IBC	IRC								
C1277-~~12~~15	Specification for Shielded Couplings Joining Hubless Cast Iron Soil Pipe and Fittings	IPC	IPSDC	IRC							
C1280-13A	Specification for Application of Exterior Gypsum Panel Products for Use as Sheathing	IBC									
C1288-~~99(2010)~~ 14	Standard Specification for Discrete Non-Asbestos Fiber-Cement Interior Substrate Sheets	IBC	IRC								
C1289-~~13E1~~15	Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board	IBC	IRC								
C1313/C1313M-~~12~~ 2013	Standard Specification for Sheet Radiant Barriers for Building Construction Applications	IBC									
C1325-~~08b~~14	Standard Specification for Non-Asbestos Fiber-Mat Reinforced Cement Backer Units	IBC	IRC								
C1328/C1328M-12	Specification for Plastic (Stucco Cement)	IBC	IRC								
C1371-~~04a(2010)e1~~15	Standard Test Method For Determination of Emittance of Materials Near Room Temperature Using Portable Emissometers	IECC									
C1396/C1396M-~~13~~ 2014A	Specification for Gypsum ~~Ceiling~~ Board	IBC									
C1405-~~12~~15	Standard Specification for Glazed Brick (Single Fired, ~~Solid~~ Brick Units)	IRC									
C1440-08(2013)	Specification for Thermoplastic Elastomeric (TPE) Gasket Materials for Drain, Waste, and Vent (DWV), Sewer, Sanitary and Storm Plumbing Systems	IPC	IPSDC	IRC							

C1460-~~08~~2012	Specification for Shielded Transition Couplings for Use with Dissimilar DWV Pipe and Fittings Above Ground	IPC	IPSDC	IRC							
C1461-08(2013)	Specification for Mechanical Couplings Using Thermoplastic Elastomeric (TPE) Gaskets for Joining Drain, Waste, and Vent (DWV) Sewer, Sanitary, and Storm Plumbing Systems for Above and Below Ground Use	IPC	IPSDC	IRC							
C1540-~~11~~15	Specfiication for Heavy Duty Shielded Couplings Joining Hubless Cast Iron Soil Pipe and Fittings	IPC	IRC								
C1549-09(2014)	Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer	IECC-C									
C1563-2008(2013)	Standard Test Method for Gaskets for Use in Connection with Hub and Spigot Cast Iron Soil Pipe and Fittings for Sanitary Drain, Waste, Vent and Storm Piping	IPC									
C1629/C1692M—~~11~~15	Standard Classification for Abuse-Resistant Nondecorated Interior Gypsum Panel Products and Fiber-Reinforced Cement Panels	IBC									
C1634-~~11~~15	Standard Specification for Concrete Facing Brick	IRC									
C1658/C1658-~~12~~13	Standard Specification for Glass Mat Gypsum Panels	IBC	IRC								
C1668-~~12~~13a	Standard Specification for Externally Applied Reflective Insulation systems on Rigid Duct in Heating, Ventilation, and Air Conditioning (HVAC) Systems	IRC									
D41-~~05~~/D41M-2011	Specification for Asphalt Primer Used in Roofing, Dampproofing, and Waterproofing	IBC	IRC								
D43/D43M-2000(20~~06~~ 12)E1	Specification for Coal Tar Primer Used in Roofing, Damproofing, and Waterproofing	IBC	IRC								
D56-05(2010)	Test Method for Flash Point by Tag Closed Cup Tester	IBC	IFC	IMC							
D86-~~2012~~15	Test Method for Distillation of Petroleum Products at Atmospheric Pressure	IBC	IFC								
D92-2012B	Test Method for Flash and Fire Points by Cleveland Open Cup Tester	IFC									
D93-~~12~~15	Test Method for Flash Point by Pensky-Martens Closed Cup Tester	IBC	IFC	IMC							
D312-~~00(2006)~~/D312M-15	Specification for Asphalt Used in Roofing	IBC	IRC								
D323-~~08~~2015A	Test Method for Vapor Pressure of Petroleum Products (Reid Method)	IFC									
D422-63(2007)E2	Test Method for Particle-Size Analysis of Soils	IBC	IRC								
D448-~~08~~2012	Standard Classification for Sizes of Aggregate for Road and Bridge Construction	IBC									
D449/D449M-03(20~~08~~14)E1	Specification for Asphalt Used in Dampproofing and Waterproofing	IRC									
D450D450M-07(2013)E1	Specification for Coal-Tar Pitch Used in Roofing, Dampproofing, and Waterproofing	IBC	IRC								
D635-~~10~~14	Test Method for Rate of Burning and/or Extent and Time of Burning of ~~Self-Supporting~~ Plastics in a Horizontal Position	IBC									
D1003-~~11e1~~13	Standard Test Method for Haze and Luminous Transmittance of Transparent Plastics	IECC-C									
D1143/D1143M-07~~e1~~ (2013)	Test Methods for Deep Foundations ~~Piles~~ Under Static Axil Compressive Load	IBC									
D1227-~~95(2007)~~ 13	Specification for Emulsified Asphalt Used as a Protective Coating for Roofing	IBC	IRC								
D1253-~~08~~14	Standard Test Method for Residual Chlorine in Water	IPC									
D1557-2012 E1	Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lb/ft3(2,700kN-m/m3))	IBC									
D1593-~~09~~13	Non-rigid Vinyl Chloride Plastic Film and Sheeting	ISPSC									
D1622/D1622M-~~08~~ 14	Standard Test Method for Apparent Density of Rigid Cellular Plastics	IRC									
D1693-~~2013~~15	Test Method for Environmental Stress-Cracking of Ethylene Plastics	IRC	IMC								
D1785-~~12~~15	Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80 and 120	IPC	IMC	IRC	ISPSC						
D1869-~~95 (2010)~~ 15	Specification for Rubber Rings for ~~Asbestos~~ Fiber-Reinforced Cement Pipe	IPC	IPSDC	IRC							
D1929-~~12~~14	Test Method for Determining Ignition Temperature of Plastics	IBC									
D1970/D1970M-~~13~~2015A	Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roof Underlayment for Ice Dam Protection	IBC	IRC								
D2126-~~09~~15	Standard Test Method for Response of Rigid Cellular Plastics to Thermal and Humid Aging	IRC									
D2178/D2178M-~~04~~ 15	Specification for Asphalt Glass Felt Used in Roofing and Waterproofing	IBC	IRC								
D2241-~~09~~15	Specification for Poly (Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR-Series)	IPC	IRC	IMC	ISPSC						
D2464-~~06~~15	Specification for Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80	IPC	IRC	ISPSC	IMC						
D2466-~~06~~15	Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40	IPC	IRC	IMC	ISPSC						
D2467-~~06~~15	Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80	IPC	IRC	IMC	ISPSC						
D2513-201~~3~~4E1	Specification for Polyethylene (PE) ~~Thermoplastic~~ Gas Pressure Pipe, Tubing, and Fittings	IRC	IMC	IFGC							

D2559-12A	~~Standard~~ Specification for Adhesives for Bonded Structural~~Laminated~~ Wood Products for Use under Exterior ~~(West Use)~~ Exposure Conditions	IRC									
D2609-~~02(2008)~~15	Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe	IPC	IRC								
D2626/D2626M-04(2012)E1	Specification for Asphalt-Saturated and Coated Organic Felt Base Sheet Used in Roofing	IBC	IRC								
D2661-~~11~~14	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings	IPC	IPSDC	IRC							
D2665-~~12~~14	Specification for Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings	IPC	IPSDC	IRC							
D2672-~~96a(2009)~~14	Specification for Joints for IPS PVC Pipe Using Solvent Cement	IPC	IRC	IMC							
D2683-~~10E1~~14	Standard Specification for Socket-Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene Pipe and Tubing	IPC									
D2683-~~2010E1~~14	Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing	IPC	IRC	IMC							
D2824/D2824M-~~06(2012)E1~~ 2013	Specification for Aluminum-Pigmented Asphalt Roof Coatings, Non-fibered,~~ Asbestos-Fibered,~~ and Fibered without Asbestos	IRC	IBC								
D2837-~~11~~ 2013E1	Test Method for Obtaining Hydrostatic Design Basis for Thermoplastic Pipe Materials or Pressure Design Basis for Thermoplastic Pipe Products	IRC	IMC								
D2846/D2846M-~~09BE1~~ 14	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems	IPC	IRC	IMC	ISPSC						
D2996-~~01(2007)e01~~15	Specification for Filament-Wound Fiberglass (Glass Fiber Reinforced Thermosetting Resin) Pipe	IMC									
D3034-~~08~~14a	Specification for Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings	IPC	IRC	IMC							
D3035-~~2012E1~~15	Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter	IPC	IRC	IMC							
D3161/D3161M-~~2013~~15	Test Method for ~~a~~ Wind-Resistance of ~~Asphalt Shingles~~ Steep Slope Roofing Products (Fan Induced Method)	IBC	IRC								
D3201/D3201M-2013	Test Method for Hygoscopic Properties of Fire-Retardant Wood and Wood-Based Products	IBC	IRC	IWUIC							
D3212-07(2013)	Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals	IPC	IRC	IUWIC							
D3261-12E1	Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing~~s~~	IMC	IPC								
D3350-~~12E1~~14	Specification for Polyethylene Plastics Pipe and Fittings Materials	IRC	IMC								
D3468/D3468-99~~(2006)e01~~(2013)E1*	Specification for Liquid-Applied Neoprene and Chlorosulfonated Polyethylene Used in Roofing and Waterproofing	IBC	IRC								
D3679-~~11~~13	Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding	IBC	IRC								
D3689/D3698M-2007 (2013)E1	Test Methods for Deep Foundations ~~Piles~~ Under Static Axial Tensile Load	IBC									
D3909/D3909M-~~97b(2012)e1~~14	Specification for Asphalt Roll Roofing (Glass Felt) Surfaced with Mineral Granules	IBC	IRC	IWUIC							
D4068-~~09~~15	Specification for Chlorinated Polyethylene (CPE) Sheeting for Concealed Water-Containment Membrane	IPC	IRC								
D4272-~~09~~15	Test Method for Total Energy Impact of Plastic Films by Dart Drop	IBC									
D4318-10E1	Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils	IBC	IRC								
D4637/D4637M-~~2013~~14E1	Specification for EPDM Sheet Used in Single-Ply Roof Membrane	IBC	IRC								
D4869/D4869M-~~05(2011)e01~~15	Specification for Asphalt-Saturated (Organic Felt) Underlayment Used in Steep Slope Roofing	IBC	IRC								
D4945-12	Test Method for High-Strain Dynamic Testing of ~~Piles~~ Deep Foundations	IBC									
D4990-1997a~~(2005)e01~~(2013)	Specification for Coal Tar Glass Felt Used in Roofing and Waterproofing	IBC	IRC								
D5055-~~2013~~13E1	Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-Joists	IBC	IRC								
D5456-~~2013~~14B	Standard Specification for Evaluation of Structural Composite Lumber Products	IBC	IRC								
D5665/D5665M-99a~~(2006)~~2014E1	Specification for Thermoplastic Fabrics Used in Cold-Applied Roofing and Waterproofing	IBC	IRC								
D5726-98~~(2005)~~ (2013)	Specification for Thermoplastic Fabrics Used in Hot-Applied Roofing and Waterproofing	IBC	IRC								
D6162/D6162M-2000a~~(2008)~~ (2015)E1	Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements	IBC	IRC								
D6162/D6162M-2000a~~(2008)~~ A(2015)E1	Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements	IBC	IRC								
D6163/D6163M-2000~~(2008)~~ (2015)E1	Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements	IBC	IRC								
	Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber										

D6223/D6223M-02~~(2011)E1~~ (2009) E1	Reinforcements	IBC	IRC								
D6298-~~05e1~~13	Specification for Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Bituminous Sheets with a Factory Applied Metal Surface	IBC	IRC								
D6305-08(2015)E1	Practice for Calculating Bending Strength Design Adjustment Factors for Fire-Retardant-Treated Plywood Roof Sheathing	IBC	IRC								
D6380/D6380-03~~(2009)~~(2013)E1	Standard Specification for Asphalt Roll Roofing (Organic) Felt	IBC	IRC								
D6509/D6509M—09(2015)	Standard Specification for Atactic Polypropylene (APP) Modified Bituminous Base Sheet Materials Using Glass Fiber Reinforcements	IBC									
D6694/D6694M-08(2013)E1	Standard Specification for Liquid-applied Silicone Coating Used In Spray Polyurethane Foam Roofing Systems	IBC	IRC								
D6757-2013	~~Standard~~ Specification for ~~Inorganic~~ Underlayment Felt Containing Inorganic Fibers used in Steep-Slope Roofing ~~Products~~	IBC	IRC								
D6878/D6878-~~11A~~13	Standard Specification for Thermoplastic Polyolefin Based Sheet Roofing	IBC	IRC								
D6947/D6947M-07(2013)E1	Standard Specification for Liquid Applied Moisture Cured Polyurethane Coating Used in Spray Polyurethane Foam Roofing System	IBC	IRC								
D7032-~~10A~~14	Standard Specification for Establishing Performance Ratings for Wood-Plastic Composite Deck Boards and Guardrail Systems (Guards or Handrails)	IRC	IWUIC	IBC							
D7147-~~05~~11	Specification for Testing and Establishing Allowable Loads of Joist Hangers	IBC									
D 7158/D7158M-11	Standard Test Method for Wind Resistance of ~~Sealed~~ Asphalt Shingles (Uplift Force/Uplift Resistance Method)	IBC	IRC								
D7254—~~07~~15	Standard Specification for Polypropylene (PP) Siding	IBC	IRC								
D7425/D7425M-~~11~~13	Standard Specification for Spray Polyurethane Foam Used for Roofing Application	IRC									
D7655/D7655M-12	Standard Classification for Size of Aggregrate Used as Ballast for Roof Membrane Systems	IBC									
D7672-20~~12~~14	Standard Specification for Evaluating Structural Capacities of Rim Board Products and Assemblies	IBC	IRC								
E84-~~2013A~~2015A	Test Method for Surface Burning Characteristics of Building Materials	IBC	IRC	IFC							
E84-~~2013A~~2015A	Test Method for Surface Burning Characteristics of Building Materials	IBC	IRC	IFC	IMC	IEBC					
E96/E96M-20~~13~~15	Test Method for Water Vapor Transmission of Materials	IBC	IRC								
E119-~~2012a~~2015	Standard Test Methods for Fire Tests of Building Construction and Materials	IBC	IRC	IMC	IWUIC						
E283-04(2012)	Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors under Specified Pressure Differences Across the Specimen	IRC	IECC	IBC							
E330/E330M-~~02~~14	Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference	IBC	IRC								
E408-~~71(2008)~~13	Test Methods for Total Normal Emittance of Surfaces Using Inspection-Meter Techniques	IECC-C									
E408-~~71(2008)~~13	Test Methods for Total Normal Emittance of Surfaces Using Inspection-Meter Techniques	IECC-C									
E488/E488M-~~10~~15	Test Method for Strength of Anchors in Concrete ~~and Masonry~~ Elements	IEBC									
E605/E605M-1993~~(2011)~~ (2015)E1	Test Method for Thickness and Density of Sprayed Fire-Resistive Material (SFRM) Applied to Structural Members	IBC									
E681-09(2015)	Test Method for Concentration Limits of Flammability of Chemicals (Vapors and Gases)	IBC	IFC								
E736/E736M-00~~(2011)~~ (2015)E1	Test Method for Cohesion/Adhesion of Sprayed Fire-Resistive Materials Applied to Structural Members	IBC									
E814-2013A	Test Method of Fire Tests of ~~Through-~~Penetration Firestop~~s~~ Systems	IBC	IRC	IMC							
E903-~~96~~12	Standard Test Method Solar Absorptance, Reflectance and transmittance of Materials Using Integrating Spheres (Withdrawn 2005)	IECC-C									
E970-~~2010~~14	Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source	IBC	IRC								
E1529-~~2013~~14a	Test Method for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies	IFC									
E1602-~~02~~03(2010)E1	Guide for Construction of Solid Fuel-Burning Masonry Heaters	IBC	IRC								
E1677-11	~~Standard~~ Specification for ~~an~~ Air ~~Retarder (AR)~~ Barrier (AB) Material or Systems for Low-Rise Framed Building Walls	IECC-C									
E1886-~~05~~13A	Test Method for Performance of Exterior Windows, Curtain Walls, Doors and ~~Storm Shutters~~ Impact Protective Systems Impacted by Missiles and Exposed to Cyclic Pressure Differentials	IBC	IRC								
E1918-06(2015)	Standard Test Method for Measuring Solar Reflectance of Horizontal and Low-sloped Surfaces in the Field	IECC-C									
E1966-~~2012A~~2015	Test Method for Fire resistant Joint Systems	IBC	IFC								
	Specification for Performance of Exterior Windows, ~~Glazed~~ Curtain Walls, Doors and Impact Protective Systems Impacted by Winborne Debris										

E1996-~~2012A~~2014a	in Hurricanes	IBC	IRC								
E2072-~~10~~14	Standard Specification for Photolumiscent (Phosphorescent) Safety Markings	IBC	IFC								
E2174-~~10E1~~ 14B	Standard Practice for On-Site Inspection of Installed Fire Stops	IBC									
E2231-~~09~~ 15	Standard Practice for Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess to Surface Burning Characteristics	IRC	IMC								
E2307-~~2010~~ 15B	Standard Test Method for Determining Fire Resistance of Perimeter ~~Joint System Between an Exterior Wall Assembly and Floor Assembly~~Fire Barriers Using the Intermediate-Scale, Multi-Story Test Apparatus	IBC									
E2336-~~04(2013)~~ 14	Standard Test Methods Fire Resistive Grease Duct Enclosure Systems	IMC									
E2357-11	~~Standard~~ Test Method for Determining Air Leakage ~~Rate~~ of Air Barrier Assemblies	IECC-C									
E2392/E2392M-10E1	Standard Guide for Design of Earthen Wall Building Systems	IRC									
E2393-10~~A~~ a(2015)	Standard Practice for On-Site Inspection of Installed Fire Resistive Joint Systems and Perimeter Fire Barrier	IBC									
E2397/E2397M-~~11~~ 2015	Standard Practice for Determination of Dead Loads and Live Loads Associated with Vegatative Green Roof Systems	IBC									
E2404-~~13E1~~15a	~~Standard~~ Practice for Specimen Preparation and Mounting of Textile, Paper or Polymeric (Including Vinyl) and Wood Wall or Ceiling Coverings, Facing and Veneers to Assess Surface Burning Characteristics	IBC	IFC								
E2556/E2556M-10	Standard Specification for Vapor Permeable Flexible Sheet Water-Resistive Barriers Intended for Mechanical Attachment	IBC									
E2570/E2570—07(2014)E1	Standard Test Method for Evaluating Water-Resistive Barrier (WRB) Coatings Used Under Exterior Insulation and Finish Systems (EIFS) for EIFS with Drainage	IBC	IRC								
E2599-11(2015)	~~Standard~~ Practice for Specimen Preparation and Mounting of Reflective Insulation ~~Materials and~~ Radiant Barrier and Vinyl Stretch Ceiling Materials for Building Applications to Assess Surface Burning Characteristics	IBC									
E2634-11(2015)	Standard Specification for Flat Wall Insulating Concrete Form (ICF) Systems	IBC	IRC								
E2727-10E1	Standard Practice for Assessment of Rainwater Quality	IPC									
E2751/E2751M-~~11~~ 13	~~Standard~~ Practice for Design and Performance of Supported Laminated Glass Walkways	IBC									
F437-~~09~~15	Specification for Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80	IPC	IRC	ISPSC	IMC						
F438-~~09~~15	Specification for Socket-Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40	IPC	IRC	IMC	ISPSC						
F439-~~12~~13	Specification for ~~Socket-Type~~ Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80	IPC	IRC	IMC	ISPSC						
F441/F441M-~~13~~15	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80	IPC	IRC	IMC							
F442/F442M-13E1	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR)	IPC	IRC	IMC							
F447-~~10~~14	Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe	IPC	IPSDC	IRC							
F493-~~10~~14	Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings	IPC	IRC	IMC							
F628-~~08~~12E1	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe with a Cellular Core	IPC	IPSDC	IRC							
F656-~~10~~15	Specification for Primers for Use in Solvent Cement Joints of Poly (Vinyl Chloride) (PVC) Plastic Pipe and Fittings	IPC	IPSDC	IRC							
F876-~~2013~~15A	Specification for Crosslinked Polyethylene (PEX) Tubing	IPC	IRC	IMC							
F877-2011A	Specification for Crosslinked Polyethylene (PEX) ~~Plastic~~ Hot- and Cold-Water Distribution Systems	IPC	IRC	IMC							
F1085-~~10~~14	Standard Specification for Mattress and Box Springs Use in Berths in Marine Vessels	IFC									
F1085-~~10~~14	Standard Specification for Mattress and Box Springs Use in Berths in Marine Vessels	IFC									
F1476-07(2013)	Standard Specification for Performance of Gasketed Mechanical Couplings for Use in Piping Applications	IMC	IPC								
F1488-~~09E1~~14	Specification for Coextruded Composite Pipe	IPC	IPSDC	IRC							
F1548-01~~(2006)~~(2012)	Standard Specification for the Performance of Fittings for Use with Gasketed Mechanical Couplings Used In Piping Applications	IPC									
F1554-~~07a~~15	Specification for Anchor Bolts, Steel 36, 55 and 105 ksi Yield Strength	IRC									
F1667-~~11E1~~15	Specification for Driven Fasteners: Nails, Spikes, and Staples	IBc	IRC								
F1807-~~2013~~15	Specifications for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	IPC	IRC	IMC							
	Specification for Poly (Vinyl Chloride) (PVC) Plastic Schedule 40 Draniage and DWV										

F1866-~~07~~13	Fabricated Fittings	IPC	IRC								
F1960-~~12~~15	Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) Tubing	IPC	IRC								
F1970-12E1	Special Engineered Fittings, Appurtenances or Valves for use in Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Systems	IPC	IRC								
F1973-~~08~~13E1	Standard Specification for Factory Assembled Anodeless Risers and Transition Fittings in Polyethylene (PE) and Polyamide 11 (PA11) and Polyamide 12 (PA12) Fuel Gas Distribution Systems	IRC	IFGC								
F1974-09(2015)	Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe	IPC	IRC	IMC							
F2080-~~12~~15	Specification for Cold-Expansion Fittings with Metal Compression-Sleeves for Cross-linked Polyethylene (PEX) Pipe	IPC	IRC								
F2090-~~10~~13	Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms	IBC	IRC	IFC	IEBC						
F2098-08	~~Standard~~ Specification for Stainless Steel Clamps for Securing SDR9 Cross-Linked Polyethylene (PEX) Tubing to Metal Insert and Plastic Insert Fittings	IPC	IRC								
F2158-08(2013)	Standard Specification for Residential Central-Vacuum Tubes and Fittings	IRC									
F2159-~~11~~14	Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	IPC	IRC	IMC							
F2200-~~13~~ 14	Standard Specification for Automated Vehicular Gate Construction	IBC									
F2200-~~13~~14	Standard Specification for Automated Vehicular Gate Construction	IFC									
F2306/F2306M-~~2013~~14E1	Specification for 12" to 60" 300 to 1500 mm annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Gravity-Flow Storm Sewer and Subsurface Drainage Applications	IPC	IRC	IMC							
F2389-~~10~~15	Specification for Pressure-Rated Polypropylene (PP) Piping Systems	IPC	IRC	IMC							
F2434-~~09~~14	Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Cross-Linked Polyethylene/Aluminum/Cross-Linked Polyethylene (PEX-AL-PEX) Tubing	IPC	IRC	IMC							
F2623-~~08~~14	Standard Specification for Polyethylene of Raised Temperature (PE-RT) SDR 9 Tubing	IMC	IRC								
F2735-09	Standard Specification for SDR9 Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing	IMC	IPC	IRC							
F2769-~~10~~14	Polyethylene or Raised Temperature (PE-RT) Plastic Hot and Cold-Water Tubing and Distribution Systems	IMC	IPC	IRC							
F2806-10(2015)	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (Metric SDR-PR)	IMC	IRC								
F2831-~~11~~12	Standard Practice for Internal Non Structural Epoxy Barrier Coating Material Used in Rehabilitation of Metallic Pressurized Piping Systems	IPC									
F2855-12	Standard Specification ~~for~~ Chlorinated Poly (Vinyl Chloride)/Aluminum/Chlorinated Poly (Vinyl Chloride) (CPVC AL CPVC) Composite PressureTubing	IRC									
G152-~~06~~13	Practice for Operating Open Flame Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials	IBC									
G154-~~06~~12a	Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials	IBC									
G155-~~05a~~13	Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials	IBC									
AWC	**American Wood Council**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
ANSI/AWC SDPWS-2015	Special Design Provisions for Wind and Seismic	IBC									
ANSI/AWC WFCM-~~2015~~2018	Wood Frame Construction Manual for One- and Two-Family Dwellings	IBC	IRC								
ANSI/AW~~S~~C NDS-~~2015~~2018	National Design Specification (NDS) for Wood Construction - with ~~2015~~2018 Supplement	IBC	IRC								
AWCI	**The Association of the Wall & Ceiling Industries International**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
12-B-~~04~~14	Technical Manual 12-B Standard Practice for the Testing and Inspection of Field Applied Thin Film Intumescent Fire-Resistive Materials; an Annotated Guide, ~~Second~~ Third Edition	IBC									
AWPA	**American Wood Protection Association**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									

M4-~~11~~15	Standard for the Care of Preservative-Treated Wood Products	IBC	IRC								
U1-~~14~~15	USE CATEGORY SYSTEM: User Specification for Treated Wood except ~~Section 6~~, Commodity Specification H	IBC	IRC								
AWS	**American Welding Society**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
D1.4/D1.4M-~~2011~~2017	Structural Welding Code- Reinforcing Steel Including Metal Inserts and Connections in Reinforced Concrete Construction	IBC									
AWWA	**American Water Works Association**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
C104/A21.4-~~08~~13	Cement-Mortar Lining for Ductile-Iron Pipe and Fittings ~~for Water~~	IRC	IPC								
C507-~~11~~15	~~Standard for~~ Ball Valves, 6 In. Through 60 In. (150mm Through 1,500mm)	IPC	IRC								
C651-~~05~~14	Disinfecting Water Mains	IPC									
C901-~~08~~16	Polyethylene (PE) Pressure Pipe and Tubing, ~~1/2~~ 3/4 in. (~~13~~ 19mm) through 3 in. (76mm) for Water Service	IMC	IPC	IRC							
C903-~~05~~16	Polyethylene-Aluminum-Polyethylene (PE-AL-PE)~~& Crosslinked Polyethylene~~ Composite Pressure Pipe ~~(~~12mm~~)~~ (1/2) in through ~~(50~~ 51mm~~)~~ (2 in) for Water Servi	IRC									
C904-~~08~~16	Cross-Linked Polyethylene (PEX) Pressure ~~Pipe~~ Tubing 1/2 in. (~~12~~13mm) Through 3 In. (76mm) for Water Service	IPC	IRC								
D100-~~05~~11	~~Standard for~~ Welded Carbon Steel Tanks for Water Storage	IPC									
D115-~~06~~16	~~Standard for~~ Tendon Prestressed-Concrete ~~Water~~ Tanks	IPC									
BSI	**British Standards Institution**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
BS EN 459-~~2010~~ 2015	Part 1 Building Lime, Definitions and Conformity Criteria, Part 2 Test Methods	IRC									
CEN	**European Committee for Standardization**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
EN 1081: 1998	Resilient Floor Coverings - Determination of the Electrical Resistance	IBC	IFC								
CGA	**Compressed Gas Association**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
ANSI/G13-~~06~~13(2015)	Storage and Handling of Silane and Silane Mixtures (an American National Standard)	IFC									
ANSI/P-18 ~~(2006)~~ (2013)	Standard for Bulk Inert Gas Systems (an American National Standard)	IFC									
C-7 ~~(2011)~~(2014)	Guide to Classification and ~~Preparation of Precautionary~~ Labeling ~~and Marking~~ of Compressed ~~Gas Containers~~ Gases	IFC									
P-1 ~~(2000)~~(2015)	Standard for Safe Handling of Compressed Gases in Containers	IFC									
S-1.1 ~~(2011)~~(2017)	Pressure Relief Device Standards - Part 1 Cylinders for Compressed Gases	IFC	IFGC								
S-1.2 ~~(2005)~~(2016)	Pressure Relief Device Standards - Part 2 - Cargo and Portable Tanks for Compressed Gases	IFC	IFGC								
S-1.3 ~~(2000)~~ (2016)	Pressure Relief Device Standards-Part 3 - Stationary Storage Containers for Compressed Gases	IFC	IFGC								
V-1 ~~(2005)~~(2013)	Standard for Compressed Gas Cylinder Valve Outlet and Inlet Connections	IFC									
CISPI	**Cast Iron Soil Pipe Institute**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
301-~~04a~~12	Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste and Vent Pipings Applications	IRC	IPC	IPSDC							
310-~~04~~12	Specification for Coupling for Use in Connection with Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications	IRC	IPC	IPSDC							
CPA	**Composite Panel Association**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
A208.1-~~09~~2016	Particleboard	IBC									
CRRC	**Cool Roof Rating Council**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									

ANSI/CRRC~~-1~~ S100- ~~2012~~ 2016	~~CRRC-1~~ Standard Test Methods for Determining Radiative Properties of Materials	IECC-C									
CSA	**CSA Group**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
A112.18.1-~~2012~~ 2017/CSA B125.1-~~2012~~17	Plumbing Supply Fittings	IPC	IRC								
A112.18.2-~~2011~~2015/CSA B125.2-~~2011~~2015	Plumbing Waste Fittings	IRC	IPC								
A112.18.6-2017/CSA B125.6-~~2009~~17	Flexible Water Connectors	IRC									
A257.3~~M-2009~~14	Joints for Circular Concrete Sewer and Culvert Pipe, Manhole Sections and Fittings Using Rubber Gaskets	IRC									
AAMA/WDMA/CSA 101/1.S.2/A440-~~11~~16	North American Fenestration Standard/Specifications for Windows, Doors and Unit Skylights	IBC	IECC	IRC							
ASME/A17.1/CSA B44-~~2013~~2016	Safety Code for Elevators and Escalators	IRC									
ASME A112.3.4-2013/CSA B 45.9-~~09 (R2013)~~ 13	Macerating Systems and Related Components	IPC	IRC								
ASME A112.19.5-~~2011~~2017/CSA/B45.15-~~2011~~17	Flush Valves and Spuds Water Closets, Urinals and Tanks	IRC	IPC								
ASME A112.19.7-~~2012~~2017/CSA B45.10-~~2012~~17	Hydromassage Bathtubs Systems	IPC									
ASSE 1016-2017/ASME 112.1016-2017/ CSA B125.16-~~2011~~2017	Performance Requirements for Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations	IRC									
B64.1.1-~~11~~16	Vacuum Breakers, Atmospheric Type (AVB)	IRC	IPC								
B64.1.2-~~11~~16	Pressure Vacuum Breakers (PVB)	IRC	IPC								
B64.1.3-~~11~~16	Spill Resistant Pressure Vacuum Breakers (SRPVB)	IPC	IRC								
B64.1.3-~~11~~ 16	Spill Resistant Pressure Vacuum Breakers (SRPVB)	IPC	IRC								
B64.2-~~07~~16	Hose connection vacuum breakers (HCVB)	IRC	IPC								
B64.2-~~11~~16	Vacuum Breakers, Hose Connection Type (HCVP)	IRC	IPC								
B64.2.1-~~11~~16	Vacuum Breakers, Hose Connection (HCVB) with Manual Draining Feature	IRC	IPC								
B64.2.2-~~07~~16	Hose Connection Vacuum Breakers (HCVB) with Automatic Draining Feature	IRC	IPC								
B64.6-~~11~~16	Dual Check Valve Backflow Preventers (DuC)	IPC	IRC								
B64.10.1-~~07~~11	Manual for the Maintenance and Field Testing of Backflow Prevention Devices	IPC									
B137.1-~~13~~16	Polyethylene (PE) Pipe, Tubing and Fittings for Cold Water Pressure Services	IRC	IPC	IMC							
B137.2-~~13~~16	Polyvinylchloride PVC Injection-Moulded Gasketed Fittings for Pressure Applications	IRC	IPC	ISPSC	IMC						
B137.3-~~13~~16	Rigid Poly (Vinyl Chloride) (PVC) Pipe for Pressure Applications	IRC	IPC	IPSDC	ISPSC	IMC					
B137.10M-~~13~~16	Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene (PEX-AL-PEX) Composite Pressure-Pipe Systems	IRC	IPC	IMC							
B137.11-~~13~~16	Polypropylene (PP-R) Pipe and Fittings for Pressure Applications	IRC	IPC								
B181.1-~~11~~15	Acrylonitrile-butadiene-styrene (ABS) Drain, Waste, and Vent Pipe and Pipe Fittings	IRC	IPC	IPSDC							
B181.2-~~11~~15	Polyvinylchloride PVC Drain, and chlorinated polyvinylchloride (CPVC) Drain, Waste, and Vent Pipe and Pipe Fittings	IRC	IPC	IPSDC							
B181.3-~~11~~15	Polyolefin and polyvinylidene (PVDF) Laboratory Drainage Systems	IRC	IPC								
B182.4-~~11~~15	Profile PVC Sewer Pipe and Fittings	IRC	IPC	IPSDC							
B182.6-~~11~~15	Profile Polyethylene (PE) Sewer Pipe and Fittings for leak proof sewer applications	IRC	IPC								
B182.8-~~11~~15	Profile Polyethylene (PE) Storm Sewer and Drainage Pipe and Fittings	IRC	IPC								
B483.1-07(R2012)	Drinking Water Treatment Systems	IRC									
B602-~~10~~15	Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe	IRC	IPC								
C22.2 No. 108-01 ~~(R2010)~~14	Liquid pumps	ISPSC									
~~CAN/~~CSA A257.1~~M-2009~~ 14	Non-reinforced circular concrete culvert, storm drain, sewer pipe and fittings	IRC	IPC	IPSDC							
~~CAN/CSA~~ A257.2~~M-2009~~ 14	Reinforced circular concrete culvert, storm drain, sewer pipe, and fittings	IRC	IPC	IPSDC							
CAN/CSA C448 Series-~~02-CSA-2002~~ 16	Design and installation of earth energy systems~~-First Edition; Update 2: October 2009; Consolidated Reprint 10/2009~~	IRC	IMC								
CSA ~~0~~O325-07	Construction Sheathing	IRC									
CSA 8-93	Requirements for Gas-Fired Log Lighters for Wood Burning Fireplaces ~~with Revisions through January 1999~~	IRC	IFGC								
CSA B45.5-~~11~~17/IAPMO Z124-~~2011~~2017	Plastic Plumbing Fixtures	IRC	IPC								
CSA B55.1-~~2012~~2015	Test Method for measuring efficiency and pressure loss of drain water heat recovery units	IECC									
CSA B55.2-~~2012~~2015	Drain water heat recovery units	IECC									
CSA B64.2-~~07~~16	Hose connection vacuum breakers (HCVB)	IRC	IPC								
CSA B64.2.1.1-~~11~~16	Hose Connection Dual Check Vacuum Breakers (HCDVB)	IRC	IPC								
CSA B64.2.2-~~07~~16	Hose Connection Vacuum Breakers (HCVB) with Automatic Draining Feature	IRC	IPC								
CSA B64.2.2-~~11~~-16	Vacuum Breakers, Hose Connection Type (HCVP) with Automatic Draining Feature	IRC	IPC								
CSA B64.3-~~11~~16	Dual Check Valve Backflow Preventers Atmospheric Port (DCAP)	IRC	IPC								

CSA B64.4-~~11~~16	Backflow Preventers, Reduced Pressure Principle (RP)	IRC	IPC								
CSA B64.4.1-~~11~~16	Reduced Pressure Principle for Fire Sprinklers (RPF)	IRC	IPC								
CSA B64.5-~~11~~16	Double Check Backflow Preventers (DCVA)	IRC	IPC								
CSA B64.5.1-~~11~~16	Double Check Valve Backflow Preventers Type for Fire Systems (DCVAF)	IRC	IPC								
CSA B64.7-~~11~~16	Laboratory Facet Vacuum Breakers (LFVB)	IRC	IPC								
CSA B137.5- ~~13~~16	Cross-Linked Polyethylene (PEX) Tubing Systems for Pressure Applications	IRC	IPC	IMC							
CSA B137.6- ~~13~~16	Chlorinated Polyvinylchloride CPVC Pipe, Tubing and Fittings for Hot and Cold Water Distribution Systems	IRC	IPC	ISPSC	IMC						
CSA B137.9-~~13~~16	Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure-Pipe Systems	IRC	IMC								
CSA C22.2 No. 218.1-~~M89(R2011)~~13	Spas, hot tubs and associated equipment	ISPSC	IMC								
CSA C22.2 No. 236-~~2011~~15	Heating and cooling equipment	ISPSC	IMC								
~~UL~~/CAN/CSA/~~ANCE~~ C22.2 NO. 60335-2-40-2012	~~Standard for~~ Safety of Household and Similar Electrical Appliances, Part 2 -40: Particular Requirements for ~~Motor Compressors~~ electrical heat pumps, air-conditioners and dehumidifiers	IRC									
Z21.50/CSA 2.22-~~2012~~2016	Vented Gas Fireplace Heaters	IRC	IFGC								
Z21.56a/CSA 4.7-~~2013~~2017	Gas-Fired Pool Heaters	ISPSC									
Z21.88/CSA 2.33-~~15~~2016	Vented Gas Fireplace Heaters	IRC	IFGC								

DASMA — Doors and Access Systems Manufacturers Association International

Standard Reference Number	Title	Referenced in Code(s):									
ANSI/DASMA 105-~~2012~~2016	Test Method for Thermal Transmittance and Air Infiltration of Garage Doors and Rolling Doors	IECC									
ANSI/DASMA 107-~~1997 (R2012)~~2017	Room Fire Test Standard for Garage Doors Using Foam Plastic Insulation	IBC									
ANSI/DASMA 108-~~2012~~2017	Standard Method for Testing Sectional Garage Doors, ~~and~~ Rolling Doors and Flexible Doors: Determination of Structural Performance Under Uniform Static Air Pressure Difference	IBC	IRC								
ANSI/DASMA 115-~~2012~~2016	Standard Method for Testing Sectional Garage Doors, ~~and~~ Rolling Doors and Flexible Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure	IBC	IRC								

DOC — United States Department of Commerce

Standard Reference Number	Title	Referenced in Code(s):									
16 CFR Part 1632 ~~(2009)~~(2015)	Standard for the Flammability of Mattress and Mattress Pads (FF 4-72, Amended)	IFC									

DOE — U.S. Department of Energy

Standard Reference Number	Title	Referenced in Code(s):									
10 CFR, Part 430-~~1998~~2015	Energy Conservation Program for Consumer Products: Test Procedures and Certification and Enforcement Requirement for Plumbing Products; and Certification and Enforcement Requirements for Residential Appliances; Final Rule	IECC-C									
10 CFR Part 430, Subpart B, Appendix N ~~(1998)~~(2015)	Uniform Test Method for Measuring the Energy Consumption of Furnaces and Boilers	IECC-C									
10 CFR Part 431, ~~2004~~ (2015)	Energy Efficiency Program for Certain Commercial and Industrial Equipment: Test Procedures and Efficiency Standards Final Rules	IECC-C									

DOL — U. S. Department of Labor

Standard Reference Number	Title	Referenced in Code(s):									
29 CFR Part 1910.1000 ~~(2009)~~(2015)	Air Contaminants	IBC	IFC	IMC							
29 CFR Part 1910.1025 ~~(2009)~~(2015)	Toxic and Hazardous Substances	IMC									
29 CFR Part 1910.1200 ~~(2009)~~(2015)	Hazard Communication	IFC									

DOTn — Department of Transportation

Standard Reference Number	Title	Referenced in Code(s):									
33 CFR Part 154 ~~(1998)~~(2015)	Facilities Transferring Oil or Hazardous Material in Bulk	IFC									
33 CFR Part 155 (1998) (2015)	Oil or Hazardous Material Pollution Prevention Regulations for Vessels	IFC									
33 CFR Part 156 ~~(1998)~~(2015)	Oil and Hazardous Material Transfer Operations	IFC									
49 CFR Part 172-~~2009~~2015	Hazardous Materials Tables, Special Provisions, Hazardous Materials Communications, Emergency Response Information and Training Requirements	IBC	IFC								
49 CFR Parts 100 to 185-~~2005~~(2015)	Hazardous Materials Regulations	IBC	IFC								
49 CFR Parts 173-178 ~~(1998)~~2015	Specification of Transportation of Explosive and Other Dangerous Articles, UN 0335, UN 0336 Shipping Containers	IBC									

DOTy — U. S. Department of Treasury

Standard Reference Number	Title	Referenced in Code(s):									
27 CFR Part 55 ~~(1998)~~(2015)	Commerce in Explosives	IFC									

EPA	Environmental Protection Agency										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
40 CFR Part 355-~~2008~~2015	Emergency Planning and Notification	IFC									

FCC	Federal Communications Commission										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
47 CFR Part 90.219-~~2007~~2014	Private Land Mobile Radio Services-Use of Signal Boosters	IFC									

FM	FM Global										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
4470-~~2012~~2016	Approval Standard for Single-Ply Poymer-Modified Bitumen Sheet, Built-Up Roof (BUR) and Liquid Applied Roof Assemblies for Use in Class 1 and Non-combustible Roof Deck Construction	IBC									
4496-~~13~~2016	Approval Standard for Classification of Pallets and other Materials Handling Products as Equivalent to Wood Pallet	IFC									
4880 ~~(2010)~~2015	Approval Standard for Class 1 Rating of ~~Insulated Wall or Wall and Roof/Ceiling~~ Building Panels~~,~~ or Interior Finish Materials~~, or Coatings and Exterior Finish Systems~~	IBC	IRC								

GA	Gypsum Association										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
GA-216-~~2013~~2016	Application and Finishing of Gypsum Panel Products	IBC									
GA-253-~~2012~~2017	Application of Gypsum Sheathing	IRC									
GA-600-~~2012~~2015	Fire Resistance Design Manual, ~~20th~~21st Edition	IBC									

HPVA	Hardwood Plywood and Veneer Association										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
ANSI/HPVA HP-1-~~2013~~2016	American National Standard for Hardwood and Decorative Plywood	IBC									

IAPMO	International Association of Plumbing and Mechanical Officials										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
IAPMO Z124.7-~~2012~~2013	Prefabricated Plastic Spa Shells	ISPSC									
~~IAPMO~~ Z1001-~~2007~~2014	Prefabricated Gravity Grease Interceptors	IPC									

ICC	International Code Council										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
IBC-~~15~~18	International Building Code	IRC	IFC	IMC	IPC	IPSDC	IFGC	IECC	IEBC	IPMC	IWUIC
ICC 300-~~12~~17	ICC Standard on Bleachers, Folding and Telescopic Seating, and Grandstands	IBC	IFC	IEBC							
ICC 400-~~12~~17	Standard for The Design and Construction of Log Structures	IBC	IRC	IECC-R							
ICC A117.1-~~09~~15	Accessible and Usable Buildings and Facilities	IFC	IZC	IEBC	IPC	IRC	IBC				
IEBC-~~15~~18	International Existing Building Code	IBC	IRC	IPC	IMC	IFGC	IECC	IPMC	IPC		
IECC-~~15~~ 18	International Energy Conservation Code	IBC	IRC	IMC	IFGC	IPMC	IPSDC				
IFC-~~15~~18	International Fire Code	IBC	IRC	IMC	IPC	IFGC	IWUIC	IEBC	IPMC	ICC 300-12	
IFGC-~~15~~18	International Fuel Gas Code	IBC	IRC	IFC	IMC	IPC	IECC	ISPSC	IEBC		
IMC-~~15~~18	International Mechanical Code	IBC	IRC	IFC	IPC	IFGC	IECC				
IPC ~~15~~18	International Plumbing Code	IBC	IRC	IFC	IMC	IPSDC	IFGC	IEBC			
IPMC-~~15~~-18	International Property Maintenance Code	IBC	IRC	IFC	IEBC	IWUIC	IFGC	IMC	IPC	IZC	
IPSDC-~~15~~18	International Private Sewage Disposal Code	IBC	IPC	IRC							
IRC-~~15~~18	International Residential Code	IBC	IFC	IMC	IFGC	IEBC	IPC	IPMC	IPSDC	ISPSC	IECC
ISPSC-~~15~~-18	International Swimming Pool and Spa Code	IECC	IFC	IFGC	IMC	IPC	IRC				
IWUIC-~~15~~18	International Wildland-Urban Interface Code	IBC	IFC	IPMC							
IZC-~~15~~18	International Zoning Code	IBC	IMC								

IES	Illuminating Engineering Society										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
ANSI/ASHRAE/IESNA 90.1-~~2013~~2016	Energy Standard for Buildings Except Low-Rise Residential Buildings	IECC									

IIAR	International Institute of Ammonia Refrigeration										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
IIAR ~~0~~2-2014	~~Addendum A to Equipment,~~ Safe Design~~, and Installation~~ of Closed-Circuit Ammonia ~~Mechanical~~ Refrigerating Systems	IMC	IFC								

IKECA International Kitchen Exhaust Cleaning Association

Standard Reference Number	Title	Referenced in Code(s):									
C10-~~2011~~2016	IKECA C10, Standard for the Methodology for Cleaning ~~for~~ Commercial Kitchen Exhaust Systems	IFC									

ISEA the International Safety Equipment Association

Standard Reference Number	Title	Referenced in Code(s):									
ANSI/ISEA Z358.1-~~2009~~2014	Emergency Eyewash and Shower Equipment	IPC									

MSS Manufacturers Standarization Society of the Valve and Fittings Industry

Standard Reference Number	Title	Referenced in Code(s):									
SP-42-~~2009~~2013	Corrosion Resistant Gate, Globe, Angle and Check Valves with Flanged and Butt Weld Ends (Classes 150, 300 & 600)	IPC	IRC								
SP-70-~~2011~~2013	Gray Iron Gate Valves, Flanged and Threaded Ends	IPC	IRC								
SP-71-~~2011~~2013	~~Grey~~Gray Iron Swing Check Valves, Flanged and Threaded Ends	IPC	IRC								
SP-72-2010a	Ball Valves with Flanged or Butt-Welding Ends for General Service	IPC	IRC								
SP-78-~~2011~~2013	Cast Iron Plug Valves, Flanged and Threaded Ends	IPC	IRC								
SP-80-~~2008~~2013	Bronze Gate, Globe, Angle and Check Valves	IPC	IRC								
SP-110-2010a	Ball Valves, Threaded, Socket Welded ~~ed~~ ing, Solder Joint, Grooved and Flared Ends	IPC	IRC								

NAAMM National Association of Architectural Metal Manufacturers

Standard Reference Number	Title	Referenced in Code(s):									
FP 1001-~~07~~17	Guide Specifications for Design of Metal Flag Poles~~, Fourth Edition~~	IBC									

NEMA National Electrical Manufacturers Association

Standard Reference Number	Title	Referenced in Code(s):									
MG1-~~1993~~2014	Motors and Generators	IECC-C									
Z535-~~2006~~2017	ANSI/NEMA Color Chart	ISPSC									
250-~~2003~~2014	Enclosures for Electrical Equipment (1000 Volts Maximum)	IFC									

NFPA National Fire Protection Association

Standard Reference Number	Title	Referenced in Code(s):									
02-~~11~~16	Hydrogen Technologies Code	IFC									
10-~~13~~17	Standard for Portable Fire Extinguishers	IFC	IBC								
11-~~10~~15	Standard for Low-, Medium-, and High-Expansion Foam	IFC	IBC								
12-~~11~~15	Standard on Carbon Dioxide Extinguishing Systems	IFC	IBC								
12A-~~09~~15	Standard on Halon 1301 Fire Extinguishing Systems	IFC	IBC								
13-~~13~~16	Standard for the Installation of Sprinkler Systems	IFC	IBC	IRC							
13D-~~13~~16	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	IFC	IRC	IBC							
13R-~~13~~16	Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies	IBC	IEBC	IRC							
14-~~13~~16	Standard for the Installation of Standpipe, ~~Private Hydrants~~ and Hose Systems	IFC	IBC								
15-~~12~~17	Standard for Water Spray Fixed Systems for Fire Protection	IFC									
16-~~11~~ 15	Standard for the Installation of Foam-Water Sprinkler and Foam-Water Spray Systems	IFC	IBC								
17-~~13~~17	Standard for Wet Chemical Extinguishing Systems	IFC	IBC								
17A-~~13~~17	Standard for Wet Chemical Extinguishing Systems	IFC	IBC								
20-~~13~~16	Standard for the Installation of Stationary Pumps for Fire Protection	IFC	IBC								
22-~~13~~18	Standard for Water Tanks for Private Fire Protection	IFC									
24-~~13~~16	Standard for the Installation of Private Fire Service Mains and Their Appurtenances	IFC									
25-~~14~~17	Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems	IFC	IPMC								
30-~~15~~18	Flammable and Combustible Liquids Code	IFC	IBC								
30A-~~15~~18	Code for Motor Fuel Dispensing Facilities and Repair Garages	IFC	IMC	IFGC	IBC						
31-~~11~~15	Standard for the Installation of Oil-Burning Equipment	IFC	IRC	IMC	IBC						
32-~~11~~15	Standard for Drycleaning Plants	IFC	IBC								
33-~~11~~16	Standard for Spray Application Using Flammable or Combustible Materials	IFC									
34-~~11~~15	Standard for Dipping and Coating Processes Using Flammable or Combustible Liquids	IFC									

35-~~11~~15	Standard for the Manufacture of Organic Coatings	IFC									
37-~~15~~18	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines	IMC	IFGC								
40-~~11~~16	Standard for the Storage and Handling of Cellulose Nitrate Film	IFC	IBC								
51-~~13~~ 18	Standard for the Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes	IFC	IPC	IFGC							
52-~~13~~16	Vehicular Gaseous Fuel Systems Code	IFC									
55-~~13~~16	Compressed Gases and Cryogenic Fluids Code	IFC									
56-~~14~~17	Standard for Fire and Explosion Prevention during Cleaning and Purging of Flammable Gas Piping Systems	IFC									
58-~~14~~17	Liquefied Petroleum Gas Code	IFC									
59A-~~13~~16	Standard for the Production, Storage and Handling of Liquefied Natural Gas (LNG)	IFC									
61-~~13~~17	Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities	IFC	IBC								
70-~~14~~17	National Electrical Code	IRC	IEBC	IBC	IWUIC	IPMC					
72-~~13~~16	National Fire Alarm and Signaling Code	IFC	IBC	IRC	IMC	IEBC					
80-~~13~~16	Standard for Fire Doors and Other Opening Protectives	IFC	IBC								
91-~~10~~15	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids	IMC									
91-~~10~~15	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids	IMC									
92-~~12~~15	Standard on Smoke Control Systems	IFC	IBC	IMC							
96-~~14~~17	Standard for Ventilation Control and Fire Protection Commercial Cooking Operations	IMC									
99-~~15~~18	Health Care Facilities Code	IBC	IFC	IEBC	IPC						
101-~~15~~18	Life Safety Code	IBC	IFC	IEBC							
105-~~13~~16	Standard for the Installation of Smoke Door Assemblies and Other Opening Protectives	IBC	IFC								
110-~~13~~16	Standard for Emergency and Standby Power Systems	IFC	IBC	IECC							
120-~~10~~15	Standard for Fire Prevention and Control in Coal Mines	IFC	IBC								
160-~~11~~16	Standard Use of Flame Effects Before an Audience	IFC									
170-~~15~~18	Standard for Fire Safety and Emergency Symbols	IFC	IBC								
204-~~12~~15	Standard for Smoke and Heat Venting	IFC									
211-~~13~~16	Standard for Chimneys, Fireplaces, Vents and Solid Fuel-Burning Appliances	IMC	IFGC								
221-~~15~~18	Standard for High Challenge Fire Walls, Fire Walls and Fire Barrier Walls	IBC									
241-~~13~~18	Standard for Safeguarding Construction, Alteration, and Demolition Operations	IFC									
252-~~12~~17	Standard Methods of Fire Tests of Door Assemblies	IBC									
253-~~11~~ 15	Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source	IBC	IFC								
257-~~12~~17	Standard on Fire Test for Window and Glass Block Assemblies	IBC									
259-~~13~~18	Standard Test Method for Potential Heat of Building Materials	IBC	IRC								
260-~~13~~18	Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture	IFC									
261-~~13~~18	Standard Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes	IFC									
262-~~11~~15	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces	IMC	IBC								
265-~~11~~15	Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile or Expanded Vinyl Wall overings on Full Height Panels and Walls	IBC	IFC								
268-~~12~~17	Standard Test Method for Determining Ignitibility of Exterior Wall Assemblies Using a Radiant Heat Energy Source	IBC									
268-~~12~~17	Standard Test Method for Determining Ignitibility of Exterior Wall Assemblies Using a Radiant Heat Energy Source	IBC									
274-~~13~~18	Standard Test Method to Evaluate Fire Performance Characteristics of Pipe Insulation	IMC									
275-~~13~~17	Standard Method of Fire Tests for the Evaluation of Thermal Barriers	IBC	IRC								
276-~~11~~15	Standard Method of Fire Test For Determining the Heat Release Rate of Roofing Assemblies with Combustible Above-Desk Roofing Components	IBC									
285-~~12~~17	Standard Fire test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components	IBC									
288-~~12~~ 17	Standard Methods of Fire Tests of Horizontal Fire Door Assemblies Installed in Horizontal Fire-Resistance-Rated Assemblies	IBC									
	Standard Method of Fire Test for Individual Fuel										

289-~~13~~18	Packages	IFC	IBC								
303-~~11~~16	Fire Protection Standard for Marinas and Boatyards	IFC									
318-~~15~~18	Standard for the Protection of Semiconductor Fabrication Facilities	IFC									
326-~~10~~15	Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning or Repair	IFC									
385-~~12~~17	Standard for Tank Vehicles for Flammable and Combustible Liquids	IFC									
400-~~13~~16	Hazardous Materials Code	IFC									
407-~~12~~17	Standard for Aircraft Fuel Servicing	IFC									
409-~~11~~16	Standard on Aircraft Hangers	IFC	IBC	IFGC							
410-~~10~~15	Standard on Aircraft Maintenance	IFC									
418-~~11~~16	Standard for Heliports	IBC									
484-~~15~~18	Standard for Combustible Metals	IFC									
495-~~13~~18	Explosive Materials Code	IFC									
498-~~13~~18	Standard for Safe Havens and Interchange Lots for Vehicles Transporting Explosives	IFC									
501-~~13~~17	Standard on Manufactured Housing	IRC									
505-~~13~~18	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	IFC									
654-~~13~~17	Standard for the Prevention of Fire & Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids	IBC	IFC								
655-~~12~~17	Standard for the Prevention of Sulfur Fires and Explosions	IBC	IFC								
664-~~12~~17	Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities	IBC	IFC								
701-~~10~~15	Standard Method of Fire Tests for Flame-Propagation of Textiles and Films	IFC	IBC								
703-~~15~~18	Standard for Fire Retardant Treated Wood and Fire Retardant Coatings for Building Materials	IFC									
704-~~12~~17	Standard System for the Identification of the Hazards of Materials for Emergency Response	IFC	IMC	IBC							
790-~~14~~18	Standard Test for Competency of Third-Party Field Evaluation Bodies	IFC									
853-~~10~~15	Standard for the Installation of Stationary Fuel Cell Power Systems	IRC	IMC	IFGC							
914-~~10~~15	Code for Fire Protection of Historic Structures	IFC									
1122-~~13~~18	Code for Model Rocketry	IFC									
1123-~~14~~18	Code for Fireworks Display	IFC									
1124-~~13~~17	Code for the Manufacture, Transportation, Storage and Retail Sales of Fireworks and Pyrotechnic Articles	IFC	IBC								
1125-~~12~~17	Code for the Manufacture of Model Rocket and High Power Rocket Motors	IFC									
1126-~~11~~16	Standard for the Use of Pyrotechnics Before a Proximate Audience	IFC									
1127-~~13~~18	Code for High Power Rocketry	IFC									
1142-~~12~~17	Standard on Water Supplies for Suburban and Rural Fire Fighting	IFC									
1901-~~09~~16	Standard for Automotive Fire Apparatus	IFC									
2001-~~12~~15	Standard on Clean Agent Fire Extinguishing Systems	IFC	IBC								

NFRC — National Fenestration Rating Council Inc.

Standard Reference Number	Title	Referenced in Code(s):									
100-20~~09~~2017	Procedure for Determining Fenestration Product U-factors~~-Second Edition~~	IECC									
200-~~2009~~2017	Procedure for Determining Fenestration Product Solar Heat Gain Coefficients and Visible Transmittance at Normal Incidence~~-Second Edition~~	IECC									
400-~~2009~~2017	Procedure for Determining Fenestration Product Air Leakage~~-Second Edition~~	IECC									

NSF — NSF International

Standard Reference Number	Title	Referenced in Code(s):									
3-~~2010~~2012	Commercial Warewashing Equipment	IPC									
14-~~2011~~2015	Plastic Piping System Components and Related Materials	IRC	IPC	ISPSC	IMC						
40-~~2012~~2013	Residential Wastewater Treatment Systems	IPSDC									
42-~~2011~~2015	Drinking Water Treatment Units - Aesthetic Effects	IRC	IPC								
44-~~2012~~2015	Residential Cation Exchange Water Softeners	IRC	IPC								
50-~~2012~~2015	Equipment for Swimming Pools, Spas, Hot Tubs, and other Recreational Water Facilities	ISPSC	IPC								
53-~~2011A~~2015	Drinking Water Treatment Units - Health Effects	IRC	IPC								
58-~~2012~~2015	Reverse Osmosis Drinking Water Treatment Systems	IRC	IPC								
61-~~2012~~2015	Drinking Water System Components - Health Effects	IRC	IPC								
62-~~2012~~2015	Drinking Water Distillation Systems	IPC									
	Onsite Residential and Commercial Water Reuse										

350-~~2011~~2014	Treatment Systems	IPC	IRC								
358-1-~~2011~~2014	Polyethylene Pipe and Fittings for Water-Based Ground Source "Geothermal" Heat Pump Systems	IRC	IMC								
372-~~2010~~2011	Drinking Water Systems Components - Lead Content	IPC									
PSAI	**Portable Sanitation Association International**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
Z4.3-~~95~~15	Minimum Requirements for Nonsewered Waste-Disposal Systems	IPC									
SBCA	**Structural Building Components Association**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
BCSI-2013 (updated March 2015)	Building Component Safety Information Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses	IRC									
SDI	**Steel Deck Institute**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
~~ANSI/~~ SDI NC~~1.0-10~~2017	Standard for Non-Composite Steel Floor Deck	IBC									
~~ANSI/~~ SDI RD~~1.0-10~~2017	Standard for Steel Roof Deck	IBC									
SDI-C-~~2011~~2017	Standard for Composite Steel Floor Deck Slabs	IBC									
SDI QA/QC-~~2011~~2017	Standard for Quality Control and Quality Assurance for Installation of Steel Deck	IBC									
SJI	**Steel Joist Institute**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
~~CJ-10~~ SJI-200-16	Standard Specification for Composite Steel Joists, CJ-Series	IBC									
SMACNA	**Sheet Metal & Air Conditioning Contractors**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
SMACNA\ANSI ~~(2015)~~ (2016)	HVAC Duct Construction Standards-Metal and Flexible 4th Edition (ANSI) 2016	IMC	IRC								
SPRI	**Single-Ply Roofing Institute**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
ANSI/SPRI/FM4435-ES-1-~~11~~17	Wind Test Standard for Edge Systems Used with Low Slope Roofing	IBC									
ANSI/SPRI VF1-~~10~~17	External Fire Design Standard for Vegetative Roofs	IBC									
SRCC	**Solar Rating Certification Corporation**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
ICC 900/SRCC 300-~~13~~2015	~~Standard 300 for Solar Water Heating Systems~~ Solar Thermal System Standard	IRC									
ICC 901/SRCC 100-~~13~~2015	~~Standard 100 for Solar Collectors~~ Solar Thermal Collector Standard	IRC									
TCNA	**Tile Council of North America**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
A108.1A-~~99~~16	Installation of Ceramic Tile in the Wet-set Method, with Portland Cement Mortar	IBC	IRC								
A118.1-~~99~~16	American National Standard Specification for Dry-Set Cement Mortar	IBC	IRC								
A118.3-~~99~~13	American National Standard Specifications for Chemical Resistant, Water Cleanable Tile-setting and -grouting Epoxy and Water Cleanable Tile-setting Epoxy Adhesive	IBC	IRC								
A118.4-~~99~~16	American National Standard Specifications for ~~Latex-portland~~ Modified Dry-Set Cement Mortar	IBC									
A118.6-~~99~~10	American National Standard Specifications for Standard Cement Grouts for Tile Installation	IBC									
A136.1-~~99~~08	American National Standard Specifications for Organic Adhesives for Installation of Ceramic Tile	IBC	IRC								
A137.1-~~2008~~17	Standard Specifications for Ceramic Tile	IBC	IRC								
TIA	**Telecommunications Industry Association**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
222-~~G~~H-~~2005~~ 2016	Structural Standards for Antenna Supporting Structures and Antennas~~, Including Addendum 1, 222-G-1, Dated 2007, Addendum 2, 222-G-2 dated 2009 Addendum 3, 222-3 dated 2013 and Addendum 4, 222-G-4 dated 2014~~	IBC									
TMS	**The Masonry Society**										

Standard Reference Number	Title	Referenced in Code(s):									
402-~~2013~~2016	Building Code for Masonry Structures	IBC	IRC								
403-~~2013~~2017	Direct Design Handbook for Masonry Structures	IBC	IRC								
602-~~2013~~2016	Specification for Masonry Structures	IBC	IRC								

UL — Underwriter Laboratories

Standard Reference Number	Title	Referenced in Code(s):									
UL/CSA/ANCE 60335-2-40-2012	Standard for safety of Household and Similar Electrical Appliances, part 2-40: particular requirements ~~for Motor-Compressors~~ for electrical heat pumps, air-conditioners and dehumidifiers	IRC									
09-2009	Fire Tests of Window Assemblies with revisions through February 2015.	IBC									
10A-2009	Tin Clad Fire Doors - with revisions through December 2013.	IBC									
10B-2008	Fire Tests of Door Assemblies - with revisions through ~~April 2009~~ February 2015	IBC									
10C-2009	Positive Pressure Fire Tests of Door Assemblies with revisions through February 2015	IBC	IFC								
14B-2008	Sliding Hardware for Standard Horizontally Mounted Tin Clad Fire Doors-with revisions through May~~3~~, 2013	IBC									
17-2008	Vent or Chimney Connector Dampers for Oil-Fired Appliances - with Revisions through ~~January 2010~~ September 2013	IRC	IMC								
30-95	Metal Safety Cans - with Revisions through ~~July 2009~~June 2014	IFC									
80-2007	Steel Tanks for Oil-Burner Fuels and Other Combustible Liquids - with revisions through ~~August 2009~~January 2014	IRC	IFC								
87A-~~12~~15	Outline of Investigation for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 percent	IFC									
127-11	Factory-Built Fireplaces- with revisions through May 2015	IBC	IRC	IMC							
142-06	Steel Aboveground Tanks for Flammable and Combustible Liquids with revisions through ~~February 12, 2010~~August 2014	IFC	IPC								
174-04	Household Electric Storage Tank Water Heaters - with Revisions through ~~September 2012~~April 2015	IRC	IMC								
197-10	Commercial Electric Cooking Appliances - with revisions through ~~June 2011~~September 2014	IMC									
207-2009	Refrigerant-Containing Components and Accessories, Nonelectrical - with revisions through June 2014	IMC	IRC								
217-2006	Single and Multiple Stations Smoke Alarms - with revisions through ~~April 2012~~October 2015	IBC	IRC	IFC							
263-11	Standard for Fire Test of Building Construction and Materials - with revisions through June 2015	IBC	IRC	IWUIC							
268A-2008	Smoke Detectors for Duct Application - with Revisions through ~~September 2009~~October 2014	IMC									
294-1999	Access Control Systems Units with revisions through ~~September 2010~~ February 2015	IBC	IFC								
300-2005(R2010)	Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment with revisions through ~~July 16, 2010~~December 2014	IBC	IFC								
305-2012	Panic Hardware - with revisions through August 2014	IBC	IFC								
325-2002	Door, Drapery, Gate, Louver and Window Operations and Systems - with revisions through ~~June 2013~~May 2015	IRC	IFC	IBC							
372-2007	Automatic Electrical Controls for Household and Simular Use - Part 2: Particular Requirements for Burner Ignition Systems and Components with revisions through July ~~25,~~ 2012	ISPSC									
378-06	Draft Equipment - with revisions through ~~January 2010~~ June 12,2014	IRC	IMC								
391-2010	Solid-Fuel and Combination-Fuel Central and Supplementary Furnaces - with revisions through ~~March 2010~~June 2014	IMC									
399-2008	Drinking-Water Coolers with revisions through ~~January 14, 2011~~October 2013	IPC									
412-2011	Refrigeration Unit Coolers - with Revisions through ~~August 2012~~September 2013	IMC									
430-2009	Waste Disposers, with revisions through ~~March 23, 2011~~September 2015	IPC									
441-2010	Gas Vents - with revisions through June 12, 2014	IRC	IFGC								
499-05	Electric Heating Appliances-with revisions through ~~February 2013~~November 2014	IMC	IFC								
508-99	Industrial Control Equipment - with revisions through ~~March 2013~~October 2013	IMC	IPC	IRC							
515-2011	Electric Resistance Heat Tracing for Commercial and Industrial Applications including revisions through ~~November 30, 2011~~July 2015	IECC-R									
536-1997	Flexible Metallic Hose - with Revisions through ~~June 2003~~December 2014	IRC	IMC								

555-2006	Fire Dampers-with revisions through May ~~2012~~2014	IBC	IRC								
555C-2006	Ceiling Dampers-with revisions through ~~May 2010~~December 2014	IBC	IMC								
555S-1999	Smoke Dampers - with Revisions through ~~May 2012~~ February 2014										
580-2006	Test for Uplift Resistance of Roof Assemblies with Revisions through ~~July 2009~~October 2013	IBC									
586-2009	High-Efficiency, Particulate, Air Filter Units- with revisions through September 2014	IMC									
641-2010	Type L Low-Temperature Venting Systems - with revisions through ~~May 2013~~June 2013	IBC	IRC	IMC							
651–2011	Schedule 40 and Schedule 80 Rigid PVC Conduit and Fittings with revisions through ~~March 2012~~May 2014	IFGC	IRC								
705-2004	Standard for Power Ventilators with revisions through ~~March 2012~~December 2013	IMC	IRC								
710-2012	Exhaust Hoods for Commercial Cooking Equipment - with revisions through November 2013	IMC	IECC-C								
710B-2011	Recirculating Systems with revisions through August 2014	IBC	IFC	IMC							
723-08	Standard for Test for Surface Burning Characteristics of Building Materials with revisions through ~~September 2010~~August 2013	IBC	IFC	IWUIC							
726-1995	Oil-Fired Boiler Assemblies - with Revisions through ~~April 2011~~October 2013	IRC	IMC	IECC							
727-2006	Oil-Fired Central Furnaces with revisions through ~~April 2010~~October 2013	IRC	IMC	IECC-C							
729-03	Oil-Fired Floor Furnaces with revisions through ~~August 2012~~October 2013	IRC	IMC								
730-03	Oil-Fired Wall Furnaces with revisions through ~~August 2012~~October 2013	IRC	IMC								
731-1995	Oil-Fired Unit Heaters with Revisions through through ~~August 2012~~October 2013	IMC	IECC-C								
732-1995	Oil-Fired Storage Tank Water Heaters - with revisions through ~~April 2010~~October 2013	IRC	IMC								
737-11	Fireplaces Stoves - with revisions through August 2015	IRC	IMC								
762-10	Outline of Investigation for Power Roof Ventilators for Restaurant Exhaust Appliances with revisions through October 2013	IMC									
790-04	Standard Test Methods for Fire Tests of Roof Coverings with revisions through ~~October 2008~~July 2014	IBC	IRC	IFC							
791-2006	Residential Incinerators-with revisions through ~~April 2010~~November 2014	IMC									
795-2011	Commercial-Industrial Gas Heating Equipment with revisions through ~~September 2012~~November 2013	IRC	IFGC								
834-04	Heating, Water Supply, and Power Boilers - Electric with Revisions through ~~January 2013~~December 2013	IRC	IMC								
842-07	Valves for Flammable Fluids with Revisions through ~~October 2012~~May 2015	IRC	IMC								
858-05	Household Electric Ranges - with Revisions through ~~April 2012~~June 2015	IMC	IRC								
864-03	Control Units and Accessories for Fire Alarm Systems-with Revisions through ~~August 2012~~December 2014	IBC	IFC								
867-2011	Electrostatic Air Cleaners - with Revisions through ~~February 2013~~ August 2013	IMC									
873-2007	Temperature-Indicating and - Regulating Equipment, with revisions through ~~July 25, 2012~~February 2015	ISPSC									
875-09	Electric Day Bath Heaters with revisions through ~~November 2011~~December 2013	IMC	IRC								
896-1993	Oil-Burning Stoves - with Revisions through ~~August 2012~~November 2013	IRC	IMC								
900-04	Air Filter Units- with revisions through ~~February 2012~~April 2015										
907-94	Fireplace Accessories - with revisions through ~~April 2010~~June 2014	IMC									
923-2013	Microwave Cooking Appliances - with revisions through June 2015	IRC	IMC								
924-06	Standard for Safety Emergency Lighting and Power Equipment with revisions through ~~February 2011~~April 2014	IBC	IFC								
959-2010	Medium Heat Appliance Factory-Built Chimneys - with revisions through June 2014	IRC	IMC	IFGC							
1004-1-12	Standard for Rotating Electrical Machines General Requirements with revisions through June ~~23,~~ 2011	ISPSC									
1026-2012	Electric Household Cooking and Food Services Appliances - with revisions through August 2015	IRC									
1042-2009	Electric Baseboard Heating Equipment-with revisions through ~~June 2013~~September 2014	IRC									
1081-2008	Standard for Swimming Pool Pumps, Filters and Chlorinators, with revisions through ~~May 2013~~March 2014	ISPSC									
1256-2002	Fire Test of Roof Deck Construction with Revisions through ~~January 2007~~July 2013	IBC	IRC								
1275-2005	Flammable Liquid Storage Cabinets with revisions through ~~February 2010~~November 2014	IFC									

1363-2007	Relocatable Power Taps - with revisions through ~~September 2012~~September 2015	IFC									
1479-03	Standard for Fire Tests of Through-Penetration Firestops with Revisions through ~~October 2012~~June 2015	IBC	IRC	IMC							
1482-2011	Solid-Fuel Type Room Heaters - with revisions through August 2015	IBC	IRC	IMC							
1563-2009	Standard for Electric Hot Tubs, Spas and Association Equipment with revisions through ~~July 2012~~March 2015	ISPSC									
1618-09	Wall Protectors, Floor Protectors, and Hearth Extensions - with revisions through ~~May 2013~~October 2015	IRC	IMC	IFGC							
1703-02	Flat-plate Photovoltaic Modules and Panels - with revisions through ~~November 2014~~October 2015	IRC	IBC								
1738-2010	Venting Systems for Gas-Burning Appliances, Categories II, III and IV with revisions through ~~May 2011~~November 2014	IRC	IFGC								
1741-2010	Inverters, Converters, Controllers and Interconnection System Equipment with Distributed Energy Resources - with revisions through January 2015	IRC									
1746-2007	External Corrosion Protection Systems for Steel Underground Storage Tanks - with revisions through December 2014	IPC									
1777-07	Chimney Liners with revisions through ~~July 2009~~October 2015	IBC	IRC	IMC							
1784-2001	Air Leakage Tests of Door Assemblies - with Revisions through ~~July 2009~~February 2015	IBC	IECC-C								
1795-2009	Hydromassage Bathtubs including revisions through ~~August 23, 2011~~January 2015	IPC									
1812-2013	Standard for Ducted Heat Recovery Ventilators - with revisions through April 2014	IMC									
1815-2012	Standard for Nonducted Heat Recovery Ventilators - with revisions through April 2014	IMC									
1821-2011	Standard for Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Services - with revisions through August 2015	IRC									
1897-2012	Uplift Tests for Roof Covering Systems - with revisions through September 2015	IBC									
1978-2010	Grease Ducts - with revisions through September 2013	IMC									
1994-04	Luminous Egress Path Marking Systems with Revisions through ~~November 2010~~May 2015	IBC									
1995-2011	Heating and Cooling Equipment - with revisions through July 2015	IRC	IMC	ISPSC							
1996-2009	Electric Duct Heaters-with revisions through ~~November 2011.~~June 2014	IRC	IMC								
2024-2011	Standard for Safety Optical-Fiber and Communications Cable Raceway- with Revisions through ~~April 2011~~August 2015	IMC									
2034-2008	Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms with revisions through ~~February 2009~~March 2015	IRC	IFC	IBC							
2043-2008	Fire Test for Heat and Visible Smoke Release for Discrete Products and their Accessories Installed in Air-Handling Spaces - with revisions through October 2013	IMC									
2079-2004	Tests for Fire Resistance of Building Joint Systems with Revisions through ~~December 2012~~August 2015	IBC	IFC								
2200-2012	Stationary Engine Generator Assemblies - with revisions through ~~June 2013~~July 2015	IBC	IFC	IMC							
2208-2010	Solvent Distillation Units - with Revisions through ~~March 2011~~September 2015	IFC									
USC	**United States Code**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
CFR Title 16 ~~(May 31, 2005)~~ (2015)	R-Value Rule	IRC	IECC								
WCLIB	**West Coast Lumber Inspection Bureau**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
AITC 104-03	Typical Construction Details	IBC									
AITC 110-01	Standards Appearance Grades for Structural Glued Laminated Timber	IBC									
AITC 113-10	Standard for Dimensions of Structural Glued Laminated Timber	IBC									
AITC 119-96	Standard Specifications for Structural Glued Laminated Timber of Hardwood Species	IBC									
AITC 200-09	Manufacturing Quality Control System Manual for Structural Glued Laminated Timber	IBC									
WDMA	**Window and Door Manufacturers Association**										
Standard Reference Number	**Title**	**Referenced in Code(s):**									
AAMA/WDMA/CSA 101/I.S./A440-~~11~~16	North American Fenestration Standard/Specifications for Windows, Doors, and Skylights	IBC	IRC	IECC							

WMA	World Millwork Alliance (formerly the Association of Millwork Distributors Standards)										
Standard Reference Number	Title	Referenced in Code(s):									
ANSI/~~AMD~~ WMA100-~~2013~~ 2016	Standard Method of Determining Structural Performance Ratings of Side Hinged Exterior Door Systems and Procedures for Component Substitution	IRC									

Reason: THIS IS THE ADMIN STANDARDS UPDATE CODE CHANGE

The CP 28 Code Development Policy, Section 4.6 requires the updating of referenced standards to be accomplished administratively, and be processed as a Code Change Proposal for consideration by the Administrative Code Change Committee. In September 2015, a letter was sent to each developer of standards that is referenced in the International Codes, asking them to provide ICC with a list of their standards in order to update to the current edition. Above is the list of the referenced standards that are to be updated based upon responses from standards developer.

ADM94-16 : 712-~~11~~ 14 (NEW)-TALMADGE11416