Code Review
2018 Changes to International Codes

IECC- ADMINISTRATIVE - ENERGY TAC

FLORIDA BUILDING COMMISSION
"Stronger Codes Through Science and Consensus"

Florida dbpr
Building Codes and Standards

2018 International Energy Conservation Code – Administrative Provisions

Energy Technical Advisory Committee (TAC)

IECC Code Change No	IBC-Energy Section	Change Summary b/t 2015 IIECC and 2018 IECC	Change Summary b/t 2017 FEC and 2018 IECC	Staff comments
ADM1-16 Part II	IECC-CE: C202	Revises definition of "Addition" for consistency in definitions between I-codes. **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.	Same as change between 2015 IECC and 2018 IECC	

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

ADM1-16 Part III	IECC-RE: R202 (IRC: N1101.6)	Revises definition of "Addition" for consistency in definitions between I-codes. **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.	Same as change between 2015 IECC and 2018 IECC	**No action needed** for IRC: N1101.6. This section is reserved under the 2017 FRC.

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

Rule 61G20-2.002 2. Technical amendments needed to accommodate the specific needs of this state include but are not limited to amendments to the Florida Building Code that provide for the following: a. Establish minimum life safety construction requirements to protect buildings and their occupants from fire, wind, flood, and storm surge using the latest technical research and engineering standards for buildings and materials products. b. Provide for flood protection provisions that are consistent with the latest flood protection requirements of the National Flood Insurance Program. c. Maintain eligibility for federal funding and discounts from the National Flood Insurance Program, the Federal Emergency Management Agency, and the United States Department of Housing and Urban Development. d. Provide for energy efficiency standards for buildings that meet or exceed the national energy standards as mandated by Title III of the Energy Conservation and Protection Act. e. Maintain coordination with the Florida Fire Prevention Code. f. Provide for the latest industry standards and design

ADM16-16 Part II	IECC-CE: C202	Revises section 202 definition of “Labeled” for consistency in definitions between I-codes. **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.	Same as change between 2015 IECC – CE and 2018 IECC - CE	

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

ADM16-16 Part III	IECC-RE: R202	Revises section 202 definition of “Labeled” for consistency in definitions between I-codes. **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.	Same as change between 2015 IECC-RE and 2018 IECC-RE	

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

ADM2-16 Part II	IECC: 202	Revises definition of “Alteration” for consistency in definitions between I-codes. **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.	Same as change between 2015 IECC and 2018 IECC	

Rule 61G20-2.002 2. Technical amendments needed to accommodate the specific needs of this state include but are not limited to amendments to the Florida Building Code that provide for the following: a. Establish minimum life safety construction requirements to protect buildings and their occupants from fire, wind, flood, and storm surge using the latest technical research and engineering standards for buildings and materials products. b. Provide for flood protection provisions that are consistent with the latest flood protection requirements of the National Flood Insurance Program. c. Maintain eligibility for federal funding and discounts from the National Flood Insurance Program, the Federal Emergency Management Agency, and the United States Department of Housing and Urban Development. d. Provide for energy efficiency standards for buildings that meet or exceed the national energy standards as mandated by Title III of the Energy Conservation and Protection Act. e. Maintain coordination with the Florida Fire Prevention Code. f. Provide for the latest industry standards and design

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

ADM2-16 Part III	IEEC: 202	Revises definition of “Alteration” for consistency in definitions between I-codes. **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.	Same as change between 2015 IECC and 2018 IECC	

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

ADM4-16 Part II	IECC-CE: C202	Revises definition of “Approved” for consistency in definitions between I-codes. **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.	Same as change between 2015 IECC and 2018 IECC	

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

Rule 61G20-2.002 2. Technical amendments needed to accommodate the specific needs of this state include but are not limited to amendments to the Florida Building Code that provide for the following: a. Establish minimum life safety construction requirements to protect buildings and their occupants from fire, wind, flood, and storm surge using the latest technical research and engineering standards for buildings and materials products. b. Provide for flood protection provisions that are consistent with the latest flood protection requirements of the National Flood Insurance Program. c. Maintain eligibility for federal funding and discounts from the National Flood Insurance Program, the Federal Emergency Management Agency, and the United States Department of Housing and Urban Development. d. Provide for energy efficiency standards for buildings that meet or exceed the national energy standards as mandated by Title III of the Energy Conservation and Protection Act. e. Maintain coordination with the Florida Fire Prevention Code. f. Provide for the latest industry standards and design

ADM4-16 Part III	IECC-RE: R202	Revises definition of “Approved” for consistency in definitions between I-codes. **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.	Same as change between 2015 IECC and 2018 IECC	

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a. ☐ b. ☐ c. ☐ d. ☐ e. ☐ f. ☐ **Others (Explain):**	**Accommodate Florida Specific Need:** YES (Select Criteria) ☐ NO: ☐ a. ☐ b. ☐ c. ☐ d. ☐ e. ☐ f. ☐ **Others (Explain):**	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

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	Revises section C104.1 “General,” revises section C104.2 “Required inspections,” revises section C104.2.1 “Footing and foundation inspection,” revises section C104.2.2 “Framing and rough-in inspection,” revises section C104.2.3 “Plumbing rough-in inspection,” revises section C104.2.4 “Mechanical rough-in inspection,” revises section C104.2.5 “Electrical rough-in inspection,” and revises section C104.2.6 “Final inspection” to reflect items and requirements that are found in the IECC. **Cost Impact:** Will not increase the cost of construction. This is just **rewording an existing** section	Same as change between 2015 IECC-CE and 2018 IECC-CE	

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a. ☐ b. ☐ c. ☐ d. ☐ e. ☐ f. ☐ **Others (Explain):**	**Accommodate Florida Specific Need:** YES (Select Criteria) ☐ NO: ☐ a. ☐ b. ☐ c. ☐ d. ☐ e. ☐ f. ☐ **Others (Explain):**	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

Rule 61G20-2.002 2. Technical amendments needed to accommodate the specific needs of this state include but are not limited to amendments to the Florida Building Code that provide for the following: a. Establish minimum life safety construction requirements to protect buildings and their occupants from fire, wind, flood, and storm surge using the latest technical research and engineering standards for buildings and materials products. b. Provide for flood protection provisions that are consistent with the latest flood protection requirements of the National Flood Insurance Program. c. Maintain eligibility for federal funding and discounts from the National Flood Insurance Program, the Federal Emergency Management Agency, and the United States Department of Housing and Urban Development. d. Provide for energy efficiency standards for buildings that meet or exceed the national energy standards as mandated by Title III of the Energy Conservation and Protection Act. e. Maintain coordination with the Florida Fire Prevention Code. f. Provide for the latest industry standards and design

ADM58-16 Part II	C102; IECC-CE	Revises section C102.1 “General” to be consistent across codes for what is meant with regards to alternative materials, design and methods. **Cost Impact:** Will not increase the cost of construction. The proposed language **does not include any new requirements,** so there are no new costs.	Same as change between 2015 IECC-CE and 2018 IECC-CE	

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a. ☐ b. ☐ c. ☐ d. ☐ e. ☐ f. ☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

ADM58-16 Part III	IECC-RE: R102.1	Revises section R102.1 “General” to be consistent across codes for what is meant with regards to alternative materials, design and methods. **Cost Impact:** Will not increase the cost of construction. The proposed language **does not include any new requirements,** so there are no new costs.	Same as change between 2015 IBC and 2018 IBC	

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a. ☐ b. ☐ c. ☐ d. ☐ e. ☐ f. ☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

ADM60-16 Part III	IECC-RE: R102.1	Revises section R102.1 “General” to clarify what is meant with regards to alternative materials, design and methods. **Cost Impact:** Will not increase the cost of construction. The proposed language **does not**	Same as change between 2015 IECC - RE and 2018 IECC-RE	

Rule 61G20-2.002 2. Technical amendments needed to accommodate the specific needs of this state include but are not limited to amendments to the Florida Building Code that provide for the following: a. Establish minimum life safety construction requirements to protect buildings and their occupants from fire, wind, flood, and storm surge using the latest technical research and engineering standards for buildings and materials products. b. Provide for flood protection provisions that are consistent with the latest flood protection requirements of the National Flood Insurance Program. c. Maintain eligibility for federal funding and discounts from the National Flood Insurance Program, the Federal Emergency Management Agency, and the United States Department of Housing and Urban Development. d. Provide for energy efficiency standards for buildings that meet or exceed the national energy standards as mandated by Title III of the Energy Conservation and Protection Act. e. Maintain coordination with the Florida Fire Prevention Code. f. Provide for the latest industry standards and design

		include any new requirements, so there are no new costs.		

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a. ☐ b. ☐ c. ☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

ADM6-16 Part II	IECC-CE: C202	Revises definition of "Approved agency" for clarity in the definition. **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..	Same as change between 2015 IECC – CE and 2018 IECC-CE	

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a. ☐ b. ☐ c. ☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

ADM6-16 Part III	IECC-CE: C202	Revises definition of "Approved agency" for clarity in the definition. **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..	Same as change between 2015 IECC-CE and 2018 IECC-CE	

Rule 61G20-2.002 2. Technical amendments needed to accommodate the specific needs of this state include but are not limited to amendments to the Florida Building Code that provide for the following: a. Establish minimum life safety construction requirements to protect buildings and their occupants from fire, wind, flood, and storm surge using the latest technical research and engineering standards for buildings and materials products. b. Provide for flood protection provisions that are consistent with the latest flood protection requirements of the National Flood Insurance Program. c. Maintain eligibility for federal funding and discounts from the National Flood Insurance Program, the Federal Emergency Management Agency, and the United States Department of Housing and Urban Development. d. Provide for energy efficiency standards for buildings that meet or exceed the national energy standards as mandated by Title III of the Energy Conservation and Protection Act. e. Maintain coordination with the Florida Fire Prevention Code. f. Provide for the latest industry standards and design

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

ADM6-16 Part IV	IECC-CE: C202	Revises definition of "[RB] Approved agency" for clarity in the definition. **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.	Same as change between 2015 IECC-RE and 2018 IECC-RE	

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

ADM82-16 Part II	IECC: C104.1	Revises section C104.1 "General" to correct improper terminology in the code section. **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.	Same as change between 2015 IECC – CE and 2018 IECC - EC	

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

Rule 61G20-2.002 2. Technical amendments needed to accommodate the specific needs of this state include but are not limited to amendments to the Florida Building Code that provide for the following: a. Establish minimum life safety construction requirements to protect buildings and their occupants from fire, wind, flood, and storm surge using the latest technical research and engineering standards for buildings and materials products. b. Provide for flood protection provisions that are consistent with the latest flood protection requirements of the National Flood Insurance Program. c. Maintain eligibility for federal funding and discounts from the National Flood Insurance Program, the Federal Emergency Management Agency, and the United States Department of Housing and Urban Development. d. Provide for energy efficiency standards for buildings that meet or exceed the national energy standards as mandated by Title III of the Energy Conservation and Protection Act. e. Maintain coordination with the Florida Fire Prevention Code. f. Provide for the latest industry standards and design

ADM82-16 Part III	IECC: R104.1	Revises section R104.1 “General” to make it clear about what type of access is needed. **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.	Same as change between 2015 IECC-RE and 2018 IECC - RE	

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

ADM9-16 Part I	IBC: 202; IEBC: 202;	Revises definition of “[A] Change of Occupancy” for **consistency** in definitions between I-codes. **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.	Same as change between 2015 IBC, and IEBC and 2018 IBC, and IEBC	

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

ADM9-16 Part II	IECC:202	Adds new definition of “[A] Change of Occupancy” for consistency in definitions between I-codes. **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.	Same as change between 2015 IECC, and 2018 IECC	

Rule 61G20-2.002 2. Technical amendments needed to accommodate the specific needs of this state include but are not limited to amendments to the Florida Building Code that provide for the following: a. Establish minimum life safety construction requirements to protect buildings and their occupants from fire, wind, flood, and storm surge using the latest technical research and engineering standards for buildings and materials products. b. Provide for flood protection provisions that are consistent with the latest flood protection requirements of the National Flood Insurance Program. c. Maintain eligibility for federal funding and discounts from the National Flood Insurance Program, the Federal Emergency Management Agency, and the United States Department of Housing and Urban Development. d. Provide for energy efficiency standards for buildings that meet or exceed the national energy standards as mandated by Title III of the Energy Conservation and Protection Act. e. Maintain coordination with the Florida Fire Prevention Code. f. Provide for the latest industry standards and design

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

ADM94-16	Referenced Standards	Revises Referenced Standard table to update the referenced standard list. **Cost Impact:** Will not increase the cost of construction. **This is just an update of the referenced standards.**	Same as change between 2015 IECC-R and 2018 IECC-R Same as change between 2015 IECC-C and 2018 IECC-C with exception to ASHRAE 90.1.	Overlapping provision to be considered during step 2 of the code change process - 90.1 - 2016 2017 FEC ANSI/ASHRAE/IESNA 90.1—2013 Energy Standard for Buildings Except Low-rise Residential Buildings, excluding section 9.4.1.1(g) .

TAC Action	Commission Action		TAC	Cmsn.
Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	Accommodate Florida Specific Need: YES (Select Criteria) ☐ NO: ☐ a.☐ b.☐ c.☐ d.☐ e.☐ f.☐ Others (Explain):	☐ No Action Needed	☐	☐
		☐ Overlapping provisions	☐	☐

Rule 61G20-2.002 2. Technical amendments needed to accommodate the specific needs of this state include but are not limited to amendments to the Florida Building Code that provide for the following: a. Establish minimum life safety construction requirements to protect buildings and their occupants from fire, wind, flood, and storm surge using the latest technical research and engineering standards for buildings and materials products. b. Provide for flood protection provisions that are consistent with the latest flood protection requirements of the National Flood Insurance Program. c. Maintain eligibility for federal funding and discounts from the National Flood Insurance Program, the Federal Emergency Management Agency, and the United States Department of Housing and Urban Development. d. Provide for energy efficiency standards for buildings that meet or exceed the national energy standards as mandated by Title III of the Energy Conservation and Protection Act. e. Maintain coordination with the Florida Fire Prevention Code. f. Provide for the latest industry standards and design

Code Change No: ADM1-16 Part I

Original Proposal

Section: IBC: 202

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

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.

2015 International Building Code

Revise as follows:

[A] 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 building area but may not increase the basic building footprint (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.

Report of Committee Action Hearings

Committee Action: **Approved as Submitted**

Committee Reason: Adding an increase in the "number of stories" to the defined term for "addition" clarifies the scope of the term. This would also coordinate the definition in the IBC with the IEBC.

Assembly Action: **None**

Final Action Results

ADM1-16 Part I	**AS**

Code Change No: ADM1-16 Part II

Original Proposal

Section: IECC-CE: C202

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

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.

2015 International Energy Conservation Code

Revise as follows:

ADDITION. An extension or increase in the *conditioned space* 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 building area but may not increase the basic building footprint (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.

Report of Committee Action Hearings

Committee Action: **Approved as Submitted**

Committee Reason: Approval was based on the proponent's published reason statement.

Assembly Action: **None**

Final Action Results

ADM1-16 Part II **AS**

Code Change No: ADM1-16 Part III

Original Proposal

Section: IECC-RE: R202 (IRC: N1101.6)

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

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.

2015 International Energy Conservation Code

Revise as follows:

R202 (N1101.6) ADDITION. An extension or increase in the *conditioned space* 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 building area but may not increase the basic building footprint (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.

Report of Committee Action Hearings

Committee Action: **Approved as Submitted**

Committee Reason: The committee agreed with the published reason statement.

Assembly Action: **None**

Final Action Results

ADM1-16 Part III **AS**

Code Change No: ADM2-16 Part II

Original Proposal

Section: ISPSC: 202

Proponent: Janine Snyder, representing PMGCAC (PMGCAC@iccsafe.org); David Collins, representing SEHPCAC (SEHPCAC@iccsafe.org); Ed Kulik, representing the Building Code Action Committee (bcac@iccsafe.org)

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.

2015 International Energy Conservation Code

Revise as follows:

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~~.

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 Chapter 1.

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

Report of Committee Action Hearings

Committee Action: **Approved as Submitted**

Committee Reason: Approval was based on the proponent's published reason statements.

Assembly Action: **None**

Final Action Results

ADM2-16 Part II **AS**

Code Change No: ADM2-16 Part III

Original Proposal

Section: ISPSC: 202

Proponent: Janine Snyder, representing PMGCAC (PMGCAC@iccsafe.org); David Collins, representing SEHPCAC (SEHPCAC@iccsafe.org); Ed Kulik, representing the Building Code Action Committee (bcac@iccsafe.org)

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.

2015 International Energy Conservation Code

Revise as follows:

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~~.

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 Chapter 1.

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

Report of Committee Action Hearings

Committee Action: **Approved as Submitted**

Committee Reason: The committee agreed with the published reason statement. A permit has nothing to do with explanation of an alteration.

Assembly Action: **None**

Final Action Results

ADM2-16 Part III	**AS**

Code Change No: ADM4-16 Part II

Original Proposal

Section: IECC-CE: C202

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

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.

2015 International Energy Conservation Code

Revise as follows:

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~~.

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 definition 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.

Report of Committee Action Hearings

Committee Action: **Approved as Submitted**

Committee Reason: Approval was based on the proponent's published reason statements.

Assembly Action: **None**

Final Action Results

ADM4-16 Part II	**AS**

Code Change No: ADM4-16 Part III

Original Proposal

Section: IECC-RE: R202

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

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.

2015 International Energy Conservation Code

Revise as follows:

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~~.

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 definition 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.

Report of Committee Action Hearings

Committee Action: **Approved as Submitted**

Committee Reason: The committee agreed with the published reason statement.

Assembly Action: **None**

Final Action Results

ADM4-16 Part III **AS**

Code Change No: ADM6-16 Part II

Original Proposal

Section(s): IECC-CE: C202

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

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.

2015 International Energy Conservation Code

Revise as follows:

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.

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.

Report of Committee Action Hearings

Committee Action: **Approved as Modified**

Modify proposal as follows:

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.~~

Committee Reason: This allows options for a certifying agency as opposed to only inspection and testing agencies.The Modification deletes "research reports" because they are not necessarily part of certifications, and the Modification deletes non-standard terminology "accreditation body."

Assembly Action: **None**

Final Action Results

ADM6-16 Part II **AM**

Code Change No: ADM6-16 Part III

Original Proposal

Section(s): IECC-CE: C202

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

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.

2015 International Energy Conservation Code

Revise as follows:

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.

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.

Report of Committee Action Hearings

Committee Action: **Approved as Modified**

Modify proposal as follows:

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.~~

Committee Reason: The modification to strike the last sentence was made because with with that language, there is the potential for cost increase (noting that the cost impact for the proposal indicated "will not" increase the cost of construction.)
The proposal as-modified was approved because it gives the control of the approved agency in the hands of the code official.

Assembly Action: **None**

Final Action Results

ADM6-16 Part III **AM**

Code Change No: ADM6-16 Part IV

Original Proposal

Section(s): IECC-CE: C202

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

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.

2015 International Residential Code

Revise as follows:

[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 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.

Report of Committee Action Hearings

Committee Action: **Approved as Modified**

Modify proposal as follows:

[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 by the building official. ~~Such agencies shall be accredited by a nationally recognized accreditation body for testing, inspections or product certification.~~

Committee Reason: The modification appropriately got rid of research reports and the requirement for national accreditation when there are regional accreditation agencies.

Assembly Action: **None**

Final Action Results

ADM6-16 Part IV **AM**

Code Change No: ADM9-16 Part I

Original Proposal

Section(s): IBC: 202; IEBC: 202; IFC: 202

Proponent: Marcelo Hirschler, representing GBH International (gbhint@aol.com)

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.

2015 International Building Code

Revise as follows:

[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:

[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:

[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.

Reason: The intent of this proposal is to provide a consistent definition for the term 'change of occupancy' in the I-codes where the term is used. The term is used to identify change in use of building which 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.

Report of Committee Action Hearings

Committee Action: **Approve as Modified**

Modify as follows:

2015 International Building Code

[A] 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~~ change in application of the requirements of this code..

2015 International Existing Building Code

[A] 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~~ change in application of the requirements of this code.

2015 International Fire Code

~~202 [A] 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.~~

Committee Reason: Floor modification Hirschler 2 was approved.
The modification deleted the definition for change of occupancy from the IFC. The term is not used in the IFC. The change of "specific occupancy classification" to "change in application" is a clarification on when a facility is undergoing a change in occupancy. A change in use where requirements did not change would not be a change of occupancy.
The original proposal coordinates the defined term for "change of occupancy" in the IBC and IEBC, picking the best of both.

Assembly Action: **None**

Public Comments

Public Comment 1:

Michael O'Brian (fcac@iccsafe.org); Marcelo Hirschler, representing GBH International (gbhint@aol.com) requests Approve as Modified by this Public Comment.

Further modify as follows:

2015 International Fire Code

[A] 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 change in application of the requirements of this code.

Commenter's Reason:
O'BRIAN: The purpose of the original proposal was to correlate the definitions and application of code between the IBC, IEBC and the IFC. All three of these codes are tightly coordinated with each other including the applicability of each.
In the Committee's Approval as Modified they approved a floor modification to eliminate the definition from the International Fire Code that was based upon the term not being used in the IFC. However, a quick review of the IFC identifies Section [A] 102.3.

> **"[A] 102.3 Change of use or occupancy.**
> Changes shall not be made in 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 the fire code official, the use or occupancy of an existing structure shall be allowed to be changed and the structure is allowed to be occupied for purposes in other groups without conforming to all of the requirements of this code and the International Building Code for those groups, provided the new or proposed use is less hazardous, based on life and fire risk, than the existing use."

It is important that the definition remain within the IFC to ensure the concept of Change of Occupancy is applied consistently by the code officials responsible for each of the codes.
This public comment is submitted by the ICC Fire Code Action Committee (FCAC). The FCAC was established by the ICC Board of Directors to pursue opportunities to improve and enhance assigned International Codes with regard to fire safety and

hazardous materials in new and existing buildings and facilities and the protection of life and property in wildland urban interface areas. In 2014, 2015 and 2016 the Fire-CAC has held 7 open meetings. In addition, there were numerous conference calls, Regional Work Group and Task Group meetings for the current code development cycle, which included members of the committees as well as any interested parties, to discuss and debate the proposed changes. Related documentation and reports are posted on the FCAC website at: FCAC (http://www.iccsafe.org/codes-tech-support/codes/code-development-process/fire-code-action-committee-bcac/)

HIRSCHLER: On further consideration of this issue, the term "change of occupancy" is used in the IFC and there should be consistency with the approved definition for the IBC and IEBC. The revised definitions were approved as modified in this code change for IBC and IEBC but the definition was proposed (by the modification) to be deleted from the IFC. This public comment recommends reinstating the definition with the same revisions as in the other codes.

Public Comment 2:

Maureen Traxler, representing City of Seattle Dept of Construction & Inspections (maureen.traxler@seattle.gov); Jonathan Siu (Jon.Siu@seattle.gov) requests Approve as Modified by this Public Comment.

Further modify as follows:

2015 International Building Code

[A] CHANGE OF OCCUPANCY. A change in the use of a building or a portion of a building which results in ~~a~~ :

1. A change of occupancy classification, ~~a~~
2. A change from one group to another group within an occupancy classification, or ~~any~~
3. Any change in use within a group for which there is a change in the application of the requirements of this code.

2015 International Existing Building Code

[A] CHANGE OF OCCUPANCY. A change in the use of a building or a portion of a building which results in ~~a~~ :

1. A change of occupancy classification, ~~a~~
2. A change from one group to another group within an occupancy classification, or ~~any~~
3. Any change in use within a group for which there is a change in the application of the requirements of this code.

Commenter's Reason: This proposal adds some words to the proposed definition that were unintentionally deleted from the committee modification. The definition is reformatted as a list to clarify that the phrase "change in application of the requirements of this code" modifies only change in use. Changes in occupancy classification and changes in occupancy group are considered "change of occupancy" regardless of whether there would be a change in code requirements. The same definition is proposed for all the pertinent codes.

.

Final Action Results

ADM9-16 Part I **AMPC1, 2**

Code Change No: ADM9-16 Part II

Original Proposal

Section(s): IBC: 202; IEBC: 202; IFC: 202

Proponent: Marcelo Hirschler, representing GBH International (gbhint@aol.com)

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.

2015 International Energy Conservation Code

Add new definition as follows:

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 where the term is used. The term is used to identify change in use of building which 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.

Report of Committee Action Hearings

Committee Action: **Disapproved**

Committee Reason: There is no ambiguity in the code now regarding change of use and change of occupancy.

Assembly Action: **None**

Public Comments

Public Comment 2:

Maureen Traxler, representing City of Seattle Dept of Construction & Inspections (maureen.traxler@seattle.gov); Jonathan Siu (Jon.Siu@seattle.gov) requests Approve as Modified by this Public Comment.

Modify as follows:

2015 International Energy Conservation Code

CHANGE OF OCCUPANCY A change in the use of a building or a portion of a building which results in ~~a~~ :

1. A change of occupancy classification, ~~a~~
2. A change from one group to another group within an occupancy classification, or ~~any~~

3. Any change in use within a group for which there is a ~~specific occupancy classification~~ change in application of the requirements of this code..

Commenter's Reason: This proposal adds some words to the proposed definition that were unintentionally deleted from the committee modification. The definition is reformatted as a list to clarify that the phrase "change in application of the requirements of this code" modifies only change in use. Changes in occupancy classification and changes in occupancy group are considered "change of occupancy" regardless of whether there would be a change in code requirements. The same definition is proposed for all the pertinent codes.

Final Action Results

ADM9-16 Part II **AMPC2**

Code Change No: ADM16-16 Part II

Original Proposal

Section: IECC-CE: C202

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

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.

2015 International Energy Conservation Code

Revise as follows:

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 clarification and correlation of definitions within the I-codes.

Report of Committee Action Hearings

Committee Action: **Approved as Submitted**

Committee Reason: Approval was based on the proponent's published reason statements.

Assembly Action: **None**

Final Action Results

ADM16-16 Part II	**AS**

Code Change No: ADM16-16 Part III

Original Proposal

Section: IECC-RE: R202

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

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.

2015 International Energy Conservation Code

Revise as follows:

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.

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 clarification and correlation of definitions within the I-codes.

Report of Committee Action Hearings

Committee Action: **Approved as Submitted**

Committee Reason: The committee agreed with the published reason statement.

Assembly Action: **None**

Final Action Results

ADM16-16 Part III	**AS**

Code Change No: ADM56-16 Part I

Original Proposal

Section(s): IECC-CE: C104.1, C104.2, C104.2.1, C104.2.2, C104.2.3, C104.2.4, C104.2.5, C104.2.6

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

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.

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.

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

Report of Committee Action Hearings

Committee Action: **Approved as Modified**

Modify proposal 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, 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 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, product, system or building component required to allow inspection to validate compliance with this code.

Committee Reason: This provides appropriate language and cleanup for this code and correlates with the ICC base codes. The Modification corrects an error made by omitting the word "not."

Assembly Action: **None**

Final Action Results

ADM56-16 Part I **AM**

Code Change No: ADM58-16 Part II

Original Proposal

Section: 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

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

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.

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*.

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.

Report of Committee Action Hearings

Committee Action: **Approved as Submitted**

Committee Reason: It is important to be consistent across codes for what is meant with regards to alternative materials, design and methods. This is a good coordination effort.

Assembly Action: **None**

Final Action Results

ADM58-16 Part II **AS**

Code Change No: ADM58-16 Part III

Original Proposal

Section(s): IECC-RE: R102.1

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

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.

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~~ 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*.

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.

Report of Committee Action Hearings

Committee Action: **Approved as Modified**

Modify proposal 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. 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.

Committee Reason: The modification was made because without a standard in place, quality is nebulous to define.

The proposal as modified was approval because this is a good list of things that could be thought about during review of an alternative.

Assembly Action: **None**

Final Action Results

ADM58-16 Part III **AM**

Code Change No: ADM60-16 Part III

Original Proposal

Section(s): IECC-RE: R102.1

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

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.

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~~ have the authority fo approve an alternative material, design, or method of construction ~~where~~upon application of the owner or the owner's authorized agent ~~*code official*.~~ finds The *code official* shall first 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.

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.

Report of Committee Action Hearings

Committee Action: **Disapproved**

Committee Reason: The additional language adds no value to the section.

Assembly Action: **None**

Public Comments

Public Comment 1:

Rebecca Baker, Jefferson County / Colorado Chapter ICC (bbaker@co.jefferson.co.us) requests Approve as Modified by this Public Comment.

Modify as follows:

.

2015 International Energy Conservation Code

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. An~~ The *code official* shall have the authority to approve an alternative material, design, or method of construction ~~shall be reviewed by~~ upon application of the ~~*code official. owner* To be *approved*,~~ or the owner's authorized agent. The *code Official* shall first 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.

Commenter's Reason: This proposal clarifies the process for evaluating and approving alternatives. The inserted languages is taken from the code sections on Modifications and will improve consistency on how 'non-standard' is addressed by the code.

Final Action Results

ADM60-16 Part III	AMPC1

Code Change No: ADM82-16 Part II

Original Proposal

Section(s): 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

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

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.

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.

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.

Report of Committee Action Hearings

Committee Action: **Approved as Modified**

Modify proposal 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 ~~exposed~~ visible and ~~provided with access~~ able to be accessed for inspection purposes until *approved*. It shall be the duty of the permit applicant to cause the work to remain ~~exposed~~ visible and ~~provided with access~~ able to be accessed 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.

Committee Reason: This proposal corrects improper terminology in the code section. The Modification to substitute "visible" is an improvement.

Assembly Action: **None**

Final Action Results

ADM82-16 Part II **AM**

Code Change No: ADM82-16 Part III

Original Proposal

Section(s): 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

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

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.

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.

Report of Committee Action Hearings

Committee Action: **Approved as Modified**

Modify proposal 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 ~~exposed~~ visible and ~~provided with access~~ able to be accessed for inspection purposes until *approved*. It shall be the duty of the permit applicant to cause the work to remain ~~exposed~~ visible and ~~provided with access~~ able to be accessed 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.

Committee Reason: The modification was made to make it clear about what type of access is needed.
The proposal as modified was approved because use of the term accessible is unclear.

Assembly Action: **None**

Final Action Results

ADM82-16 Part III **AM**

Code Change No: ADM94-16

Original Proposal

The following table provides a comprehensive list of all standards that the respective standards promulgators have indicated have been, or will be, updated from the listing in the 2015 Editions of the International Codes. According to Section 4.5.1 of ICC Council Policy #CP 28, Code Development Policy, the updating of standards referenced by the Codes shall be accomplished administratively by the Administrative code development committee. Therefore, referenced standards that are to be updated for the 2018 edition of any of the I-Codes are listed in this single code change proposal. Note that the table below indicates the change to the standard, and the code or codes in which each standard appears. The list includes standards that the promulgators have already updated or will have updated by December 1, 2017.

AAMA	**American Architectural Manufacturers Association**								
Standard Reference Number	**Title**	**Referenced in Code(s):**							
AAMA/NSA/NPEA 2100-12	Specifications for Sunrooms	IRC							
AAMA/WDMA/CSA 101/I.S.2/A440-17	North American Fenestration Standard/Specification for Windows, Doors, and Skylights	IBC	IRC	IECC					
AAMA 506-~~11~~16	Voluntary Specifications for Impact and Cycle Testing of Fenestrations Products	IRC							
AAMA 711-~~13~~16	Voluntary Specification for Self Adhering Flashing Used for Installation of Exterior Wall Fenestration Products	IRC							
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<u>2016</u>	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):**							
210/240-08<u>with Addenda 1 and 2 2016</u>	Performance Rating of Unitary Air-Conditioning and Air-Source Heat Pump Equipment	IECC_C							
310/380-04<u>2014 (CSA-C744-04)</u>	Standard for Packaged Terminal Air Conditioners and Heat Pumps	IECC-C							
340/360-2007 with Addendum 2 <u>2015</u>	Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment	IECC-C							
390-03 <u>(I-P) 2015</u>	Performance Rating of Single Package Vertical Air Conditioners and Heat Pumps	IECC-C							
400-01 <u>(I-P)-2015</u>	<u>Performance Rating of</u> Liquid to Liquid Heat Exchangers with Addenda 1 and 2	IECC-C							
440-08 <u>with Addendum 1</u>	Performance of Room Fan-Coils	IECC-C							
550/590-2011with Addendum 1 <u>(I-P)-2015</u>	Performance Rating of Water-Chilling and Heat Pump Water-Heating Packages Using the Vapor Compression Cycle	IECC-C							
700-2011<u>2015</u> with Addendum 1	Purity Specifications for Fluorocarbon and Other Refrigerants	IMC							
1160 (I-P) - 09 <u>2014</u>	Performance Rating of Heat Pump Pool Heaters	IECC-C	ISPSC						
1200-2010 <u>(I-P)-2013</u>	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):**							
<u>ANSI/AISC 341-10 16</u>	Seismic Provisions for Structural Steel Buildings	IBC							
<u>ANSI/AISC 360-10 16</u>	Specification for Structural Steel Buildings	IBC							
AISI	**American Iron and Steel Institute**								
Standard Reference Number	**Title**	**Referenced in Code(s):**							
AISI S100-12<u>16</u>	North American Specification for the Design of Cold-Formed Steel Structural Members, 2012 <u>2016</u>	IBC	IRC						
AISI S220-11<u>15</u>	North American Standard for Cold-Formed Steel Framing-Nonstructural Members, 2011 <u>2015</u>	IRC	IBC						
AISI S230-07/S3-12 (2012) <u>15</u>	Standard for Cold-Formed Steel Framing-Prescriptive Method for One- and Two-Family Dwellings, 2007, with Supplement 3, dated 2012 (Reaffirmed 2012) <u>2015</u>	IRC	IBC						
ALI	**Automotive Lift Institute**								
Standard Reference Number	**Title**	**Referenced in Code(s):**							
ANSI/ALI ALCTV-2011<u>2016</u>	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-15a ~~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 B45.15-~~2011~~2016	Flush Valves and Spuds for Water Closets, 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-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					
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							
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							
A572/A572M-~~12A~~15	Specification for High-Strength Low-Alloy 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						
C744-~~11~~14	Specification for Prefaced Concrete and Calcium 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					
D1929-16	Standard 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						
D2843-~~10~~16	Standard Test Method for Density of Smoke from the Burning of Decomposition of Plastics	IBC							
D2846/D2846M-~~09BE1~~ 14	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems	IPC	IRC	IMC	ISPSC				
D2859-~~06(2011)~~15	Standard Test Method for Ignition Characteristics of Finished Textile Floor Coverings Materials	IBC	IFC						
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-2000~~a(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						
D6223/D6223M-02~~(2011)E1~~ (2009) E1	Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber 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					
E84-2015B	Standard 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						
E119-2016	Standard Test Methods for Fire Tests of Building Construction and Materials	IBC	IRC	IMC	IWUIC				
E136-~~12~~16	Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 degrees C	IBC	IRC	IMC	IWUIC	IFGC			
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	Standard Test Method of Fire Tests of Penetration Firestop 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						
E1354-~~2013~~2016	Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Colorimeter	IBC	IFC						
E1529-14a	Standard Test Method for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies	IFC							
E1537-~~2013~~2015	Standard Test Method for Fire Testing of Upholstered Furniture	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							

E1966-2015	Standard Test Method for Fire resistant Joint Systems	IBC	IFC						
E1996-~~2012A~~2014a	Specification for Performance of Exterior Windows, ~~Glazed~~ Curtain Walls, Doors and Impact Protective Systems Impacted by Winborne Debris 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							
E2336-2016	Standard Test Methods for 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							
E2404-15a	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						

E2599-15	Standard Practice for Specimen Preparation and Mounting of Reflective Insulation 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					
F1866-~~07~~13	Specification for Poly (Vinyl Chloride) (PVC) Plastic Schedule 40 Draniage and DWV 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	IFC							
F2200-~~13~~-14	Standard Specification for Automated Vehicular Gate Construction	IBC							
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):**							
M4-16	Standard for the Care of Preservative-Treated Wood Products	IBC	IRC						
U1-16	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 (2009)	Pressure Relief Device Standards - Part 2 - Cargo and Portable Tanks for Compressed Gases	IFC	IFGC						
S-1.3 (~~2008~~) (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							

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-~~99 (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 ~~9~~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
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	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
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
IPSDC-~~15~~18	International Private Sewage Disposal Code	IBC	IPC	IRC					
IRC-~~15~~18	International Residential Code	IBC	IFC	IMC	IFGC	IEBC	IPC	IPMC	IPSD
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 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							
289-~~13~~18	Standard Method of Fire Test for Individual Fuel 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							
350-~~2011~~2014	Onsite Residential and Commercial Water Reuse 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	Wind Test Standard for Edge Systems Used with Low Slope Roofing	IBC							

ANSI/SPRI VF1-10	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.

Report of Committee Action Hearings

Committee Action: **Approved as Modified**

Modify as follows:

AAMA	American Architectural Manufacturers Association							
Standard Reference Number	**Title**	**Referenced in Code(s):**						
AAMA 711-~~13~~16	Voluntary Specification for Self Adhering Flashing Used for Installation of Exterior Wall Fenestration Products	IRC						
AAMA 506-~~11~~16	Voluntary Specifications for Impact and Cycle Testing of Fenestration Products	IRC						
AAMA/NSA/NPEA 2100- ~~11~~12	Specifications for Sunrooms	IRC						
AAMA/WDMA/CSA 101/I.S.2/A440- ~~16~~17	North American Fenestration Standard/Specification for Windows, Doors, and Skylights	IBC	IRC	IECC				
ASTM	**ASTM**							
Standard Reference Number	**Title**	**Referenced in Code(s):**						
D1929- ~~14~~16	Standard Test Method for Determining Ignition Temperature of Plastics	IBC						
D2843-~~10~~16	Standard Test Method for Density of Smoke from the Burning of Decomposition of Plastics	IBC						
D2859- ~~06(2011)~~15	Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials	IBC	IFC					

E84-~~2013A~~ 2015B	Standard Test Method for Surface Burning Characteristics of Building Materials	IBC	IRC	IFC	IMC	IEBC		
E119 - ~~2012a~~ 2016	Standard Test Methods for Fire Tests of Building Construction and Materials	IBC	IRC	IMC	IWUIC			
E136 - ~~12~~16	Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 degrees C	IBC	IRC	IMC	IWUIC	IFGC		
E814-~~2013~~2013A	Standard Test Method of Fire Tests of Penetration Firestop Systems	IBC	IRC	IMC				
E970- ~~2010~~2014	Standard Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source	IBC	IRC					
E1354 - ~~2013~~2016	Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Colorimeter	IBC	IFC					
E1529-~~2013~~14a	Standard Test Method for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies	IFC						
E1537 - ~~2013~~2015	Standard Test Method for Fire Testing of Upholstered Furniture	IFC						
E1966-~~2012A~~2015	Standard Test Method for Fire resistant Joint Systems	IBC	IFC					
E2336 - ~~04(2013)~~2016	Standard Test Methods for Fire Resistive Grease Duct Enclosure Systems	IMC						
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					
E2599 - ~~11~~15	Standard Practice for Specimen Preparation and Mounting of Reflective Insulation Radiant Barrier and Vinyl Stretch Ceiling Materials for Building Applications to Assess Surface Burning Characteristics	IBC						
AWPA	**American Wood Protection Association**							
Standard Reference Number	**Title**	**Referenced in Code(s):**						
M4-~~11~~16	Standard for the Care of Preservative-Treated Wood Products	IBC	IRC					
U1 - ~~14~~16	USE CATEGORY SYSTEM: User Specification for Treated Wood except ,	IBC	IRC					

	Commodity Specification H							
CGA	**Compressed Gas Association**							
Standard Reference Number	**Title**	**Referenced in Code(s):**						
S-1.2 ~~(2005)~~(2009)	Pressure Relief Device Standards - Part 2 - Cargo and Portable Tanks for Compressed Gases	IFC	IFGC					
ICC	**International Code Council**							
Standard Reference Number	**Title**	**Referenced in Code(s):**						
ICC A117.1-~~2016~~2009	Accessible and Usable Buildings and Facilities	IBC	IEBC	IFC	IPC	IRC	IZC	
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						

Committee Reason: Hansen19, Hansen 22 and Hansen 24 added updated references for AAMA standards. Hirschler 25 adds updates references for ASTM standards. Hirscher 25 included two standards that are not in the 2015 edition, E648 and E2579, therefore, they are not part of this update. Wangel 14 adds updates for AWPA standards. These references are updates that should have been part of the original proposal.

McLaughlin 20 requests not to updated reference for a CGA standard to a 2016 edition. The proponent explained that this is an incorrect reference.

Wilen 10 requests not to update references for two SPRI standards to the 2017 edition. The proponent explained that these standards are not ready for review at this time.

Orlowski 13 requests the ICC A117.1 to not be updated and remain as a reference to the 2009 edition. This standard has significant revisions that are not finalized at the time of this hearing. There should be the opportunity to address scoping and references in the codes and the implications to buildings with these new requirements. There was testimony that the new requirements will no longer be coordinated with the 2010 ADA Standard for Accessible Design. The committee noted that there was no opposition testimony to leaving this standard on the current edition.

The remainder of the standards references are part of the automatic update of currently referenced standards. This is part of CDP28 allowances for updates and should be approved.

Assembly Action **None**

Public Comment(s)

As stated in the posted 2016 Group B Public Comment Hearing Agenda, ADM94-16 was dealt with procedurally by dividing the code change proposal into a multiple part code change proposal; with each referenced standard receiving a public comment being dealt with as a separate part in conjunction with the submitted public comment. In addition, the updates to some of the referenced standards were As Modified by the committee, as shown in the 2016 Report of Committee Action Hearing. The actions taken on proposed updates to the referenced standards listed in ADM94-16 were As Submitted except as noted below:

Standard Ref. No. in 2015 Codes	Final Action	Resulting Version for 2018 Codes
Updates based on Public Comment Hearing and OGCV		
ASCE 7 - 10	AS	ASCE 7 –16
ICC A117.1 -09	D	ICC A117.1 -09
SJI-200-10	AMPC11	SJI-200-15
ASTM F2006-00 (2005)	AMPC10	ASTM F2006-00 (2017)
ASTM F2090-10 .	AMPC9	ASTM F2090-17
ASTM E108 - 2011	AMPC8	ASTM E108 - 2016
ANSI/SPRI VF1-10	D	ANSI/SPRI VF1-10
ASTM D7158-11	AMPC3	ASTM D7158-16
ASHRAE 140- 11	AMPC4	ASHRAE 140- 14
FM 4996 - 13	AMPC5	FM 4996 – 2015
ASTM D2859- 06(2011)	AMPC6	ASTM D2859- 2016
ASTM E84-2013A	AMPC7	ASTM E84-2016
ANSI/SPRI/FM 4435 – ES – 1-11	D	ANSI/SPRI/FM 4435 – ES – 1-11
Updates based on the results of the Committee Action Hearing with No Public Comments Received		
AAMA 711-13	AM	AAMA 711-16
AAMA 506 – 11	AM	AAMA 506-16
AAMA/WDMA/CSA 101/I.S.2/A440 – 11	AM	AAMA/WDMA/CSA 101/I.S.2/A440 – 17
ASTM D1929 – 12	AM	ASTM D1929 – 16
ASTM D2843 – 10	AM	ASTM D2843 – 16
ASTM E119-2012a	AM	ASTM E119- 2016
ASTM E136 – 12	AM	ASTM E136 – 16
ASTM E814-2013	AM	ASTM E814-2013A
ASTM E970-2010	AM	ASTM E970- 2014
ASTM E1354 – 2013	AM	ASTM E1354 – 2016
ASTM E1529-2013	AM	ASTM E1529-~~20~~14a
ASTM E1537 – 2013	AM	ASTM E1537 – 2015
ASTM E1966-2012A	AM	ASTM E1966-2015
ASTM E2336 –04(2013)	AM	ASTM E2336 –2016
ASTM E2404-13E1	AM	ASTM E2404-15a
ASTM E2599 – 11	AM	ASTM E2599 – 15
AWPA M4 – 11	AM	AWPA M4 – 16
AWPA U1-14	AM	AWPA U1-16
CGA S-1.2 (2005)	AM	CGA S-1.2 (2009)

Public Comment 3:

Mike Fischer, Kellen, representing Asphalt Roofing Manufacturers Association and the Gypsum Association (mfischer@kellencompany.com) requests Approve as Modified by this Public Comment.

Further modify as follows:

ASTM	ASTM		
Standard Reference Number	**Title**	**Referenced in Code(s):**	
D 7158/~~D7158M-11~~ D7158M-16	Standard Test Method for Wind Resistance of Asphalt Shingles (Uplift Force/Uplift Resistance Method)	IBC	IRC

Commenter's Reason: ASTM D7158 has recently been updated to reflect correlations to ASCE-7-10. This comment updates the edition for the 2018 I-Codes to include the new 2016 edition.

Public Comment 4:

Steven Ferguson, representing American Society of Heating, Refrigerating, and Air-Conditioning Engineers (sferguson@ashrae.org) requests Approve as Modified by this Public Comment.

Modify as follows:

ASHRAE	American Society of Heating, Refrigerating and Air Conditioning Engineers	
Standard Reference Number	**Title**	**Referenced in Code(s):**
~~140-2017~~ 140-2014	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	IECC-C

Commenter's Reason: There is a chance ASHRAE Standard 140-2017 may not be published in time for the administrative reference update. This public comment is being submitted so we refer to the current version of the standard (the 2014 version) rather than the next version of the standard.

Public Comment 5:

Marcelo Hirschler, representing GBH International (gbhint@aol.com) requests Approve as Modified by this Public Comment.

Further modify as follows:

FM	FM Global	
Standard Reference Number	**Title**	**Referenced in Code(s):**
~~4496-2016~~ 4996-2015	Approval Standard for Classification of Pallets and other Materials Handling Products as Equivalent to Wood Pallet	IFC

Commenter's Reason: The actual number of the standard referenced in the IFC is FM 4996 and not FM 4496 and the latest (2015) edition was issued December 2015.

Public Comment 6:

Marcelo Hirschler, representing GBH International (gbhint@aol.com) requests Approve as Modified by this Public Comment.

Further modify as follows:

ASTM	ASTM	
Standard Reference Number	**Title**	**Referenced in Code(s):**
D2859-2016	Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials	

Commenter's Reason: ASTM D2859 has recently been updated to 2016 editions.

Public Comment 7:

Marcelo Hirschler (gbhint@aol.com) requests Approve as Modified by this Public Comment.

Further modify as follows:

ASTM	ASTM					
Standard Reference Number	**Title**	**Referenced in Code(s):**				
~~E84-2015B~~ E84-2016	Standard Test Method for Surface Burning Characteristics of Building Materials	IBC	IRC	IFC	IMC	IEBC

Commenter's Reason: ASTM E84 has recently been updated to 2016 editions.

Public Comment 8:

Marcelo Hirschler (gbhint@aol.com) requests Approve as Modified by this Public Comment.

Further modify as follows:

ASTM	ASTM	
Standard Reference Number	**Title**	**Referenced in Code(s):**
E108-16	Standard Test Methods for Fire Tests of Roof Coverings	

Commenter's Reason: ASTM E108 has recently been updated to 2016 editions.

Public Comment 9:

Jeff Inks, representing Window & Door Manufacturers Association (jinks@wdma.com) requests Approve as Modified by this Public Comment.

Modify as follows:

ASTM	ASTM				
Standard Reference Number	**Title**	**Referenced in Code(s):**			
~~F2090-13~~ F2090-17	Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms	IBC	IRC	IFC	IEBC

Commenter's Reason: The correct edition to be referenced in the 2018 codes is the 2017 which is nearing completion.

Public Comment 10:

Jeff Inks, representing Window & Door Manufacturers Association (jinks@wdma.com) requests Approve as Modified by this Public Comment.

Modify as follows:

ASTM	**ASTM**		
Standard Reference Number	**Title**	**Referenced in Code(s):**	
F2006-~~00 (2005) 10~~17	Standard/Safety Specification for Window Fall Prevention Devices for Non-emergency Escape (Egress) and Rescue (Ingress) Windows	IBC	IEBC

Commenter's Reason: This standard is currently referenced in the IBC & IEBC and is currently being revised which will result in the 2017 edition however, the update to the code reference update to the 2017 was inadvertently not included in ADM-94 and is therefore included by this public comment.

Public Comment 11:

Bonnie Manley, AISI, representing SJI (bmanley@steel.org) requests Approve as Modified by this Public Comment.

Modify as follows:

SJI	**Steel Joist Institute**	
Standard Reference Number	**Title**	**Referenced in Code(s):**
~~SJI-200-16~~ SJI-200-15	Standard Specification for Composite Steel Joists, CJ-Series	IBC

Commenter's Reason: This modification simply corrects the publication date of SJI 200. A copy of SJI 200-15 is available at: https://steeljoist.org/ansi/.

Final Action Results

ADM94-16 AMPC3, 4, 5,6, 7, 8,9,10, 11