

**GROUP A
NEW STANDARDS PROPOSED IN
2015 CODE CHANGE CYCLE
LISTED BY STANDARDS ORGANIZATION
STAFF ANALYSES**

April 2, 2015

The following are comments by ICC staff regarding certain aspects of standards proposed to be referenced in the ICC Codes by code change proposals submitted for the 2015 Group A Proposed Changes. The comments relate to portions of the criteria for standards contained in Section 3.6 of CP#28 (see last page of this document).

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
AAMA STANDARDS			
FS164-15	IBC: 1405.4	AAMA 711-13 <i>Voluntary Specification for Self Adhering Flashing Used for Installation of Exterior Wall Fenestration Products</i>	Currently referenced in the IRC.
FS165-15	IBC: 1405.4	AAMA 714-15 <i>Voluntary Specification for Liquid Applied Flashing Used to Create a Water-Resistive Seal around Exterior Wall Openings in Buildings</i>	Currently referenced in the IRC.
ACCA STANDARDS			
RM3-15	IRC: M1401.3	ANSI/ACCA Manual S-14 <i>Residential Equipment Selection</i>	Currently referenced in the IECC.
ADC STANDARDS			
M97-15 RM35-15	IMC: 603.5, 603.9, 603.10.1(NEW); IRC:M: M1601.1.3	ADC-2010 <i>Flexible Duct Performance & Installation Standards-Fifth Edition</i>	Appears to be written in enforceable language. No proprietary references were noted. The standard provides no indication that it is promulgated according to a consensus process.
AHRI STANDARDS			
SP20-15	ISPSC: Table 316.2	AHRI 400-01 <i>Liquid to Liquid Heat Exchangers with Addenda 1 and 2</i>	Currently referenced in the IECC.
M104-15 RM39-15	IMC: 916.1 IRC: M2006.1	AHRI 1160 (I-P)-09 <i>Performance Rating of Heat Pump Pool Heaters</i>	Currently referenced in both the IECC and the ISPSC.
AIR MOVEMENT AND CONTROL ASSOCIATION (AMCA) STANDARDS			
M26-15	IMC: 403.3.2.4	ANSI/AMCA 210-ANSI ASHRAE 51-07 <i>Laboratory Methods of Testing Fans for Certified Aerodynamic Performance Rating</i>	Currently referenced in the IRC.

M108-15 M107-15	IMC: 929.1	AMCA 230-15 <i>Laboratory Methods of Testing Air Circulating Fans for Rating and Certification</i>	Appears to be written in enforceable language. No proprietary references were noted. The standard provides no indication that it is promulgated according to a consensus process. Submitted in draft form.
ANSI STANDARDS			
M104-15	IMC: 916.1	ANSI Z21.56/CSA 4.7-13 <i>Gas-Fired Pool Heaters</i>	Currently referenced in the IFGC, the IRC and the ISPSC.
FG33-15	IFGC: 410.4	ANSI Z21.93/CSA 6.30-13 <i>Excess Flow Valves for Natural and LP Gas with Pressures Up to 5 psig</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
The ASSOCIATION OF POOL & SPA PROFESSIONALS (APSP)			
SP15-15	ISPSC: 307.6 (NEW)	ANSI/APSP/NPC/ICC-12-2015 <i>American National Standard for the Plastering of Swimming Pools</i>	Appears to be written in enforceable language. No proprietary references were noted. The standard provides no indication that it is promulgated according to a consensus process. Submitted in draft form.
ARCSA STANDARDS			
P268-15	IPC: 1303.1	ARCSA/ASPE/ANSI 63-2013 <i>Rainwater Catchment Systems, Plumbing Engineering & Design Standard</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
ASHRAE STANDARDS			
P58-15	IPC: 410.1	ASHRAE 18-2008(RA 2013) <i>Methods of Testing for Rating Drinking-Water Coolers with Self-Contained Mechanical Refrigeration (ANSI/ASHRAE Approved)</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
M10-15 P136-15	IMC: Appendix 313 NEW IPC: 604.1	ASHRAE 188 (SPC 188) <i>Legionellosis: Risk Management for Building Water Systems</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated. Submitted in draft form.
ASME STANDARDS			
M111-15	IMC: 1006.6	ASME A112.4.1-2009 <i>Water Heater Relief Valve Drain Tubes</i>	Currently referenced in the IPC.
P229-15 RP19-15	IPC: 1002.3 IRC-P: P3201.1,P3201.2, P3201.5, P3201.6	ASME A112.18.8-2009 (R2014) <i>In-Line Sanitary Waste Valves for Plumbing Drainage</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.

EB53-15	IEBC: 609.4.2	ASME 1016/ASME A112.1016/CSA B125.16-11 <i>Performance requirements for automatic compensating valves for individual showers and tub/shower combinations</i>	Currently referenced in both the IPC and the IRC.
ASPE STANDARDS			
P242-15	IPC: 1102.6	ASPE/IAPMO Z1034-15 <i>Test Method for Evaluating Roof Drain Performance</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
ASSE STANDARDS			
PM5-15	IPMC: 505.8	ASSE 1016-2011/ASME A112.1016-2011/CSA B125.16-11 <i>Performance requirements for automatic compensating valves for individual showers and tub/shower combinations</i>	Currently referenced in both the IPC and the IRC.
EB53-15 PM5-15	IEBC: 609.4 IPMC: 505.8	ASSE 1017-2010 <i>Temperature Actuated Mixing Valve for Hot Water Distribution Systems</i>	Currently referenced in both the IPC and the IRC.
M137-15 RP12-15 P119-15	IMC: Table 1202.5, 1201.4(NEW) IRC-P: Table P2906.6 IPC: Table 605.5	ASSE 1061-2011 <i>Performance Requirements for Push Fit Fittings</i>	Currently referenced in both the IPC and the IRC.
EB53-15 PM5-15	IEBC: 609.4 IPMC: 505.8	ASSE 1062-2006 <i>Temperature Actuated, Flow Reduction (TAFR) Valves for Individual Supply Fittings</i>	Currently referenced in both the IPC and the IRC.
EB53-15 PM5-15	IEBC: 609.4 IPMC: 505.8	ASSE 1070-2004 <i>Water Temperature Limiting Devices</i>	Currently referenced in both the IPC and the IRC.
P61-15 P62-15 P63-15	IPC: 411.3 (NEW)	ASSE 1071-2012 <i>Performance Requirements for Temperature Actuated Mixing Valves for Plumbed Emergency Equipment</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
ASTM STANDARDS			
M131-15	IMC: 1107.5.3	ASTM B819-00(2011) <i>Standard Specification for Seamless Copper Tube for Medical Gas Systems</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
M160-15, Part I, II	IMC: 602.2.1.6.3 IBC: 2603.7.3	ASTM C411-11 <i>Standard Test Method for Hot-Surface Performance of High-Temperature Thermal Insulation</i>	Currently referenced in both the IRC and the IMC.
G209-15	IBC: 3003.3.1	ASTM C1193-13 <i>Standard Guide for Use for Joint Sealants</i>	The standard contains language that could affect enforceability. See Sections 1.3, 1.4, 4.3, 4.4, 5.2.1.3, 5.2.1.4, 5.3, 5.4, 5.4.1, 5.6.1, 5.7.1, 5.8, 5.8.1, 5.9.1, 5.9.2, 6.1, 6.2.2 and 6.2.3. No Proprietary references noted. Consensus process stated.

M99-15	IMC: 604.7.1	ASTM C1668-12 <i>Standard Specification for Externally Applied Reflective Insulation Systems on Rigid Duct in Heating, Ventilation and Air Conditioning (HVAC) Systems</i>	Currently referenced in the IRC.
P184-15 Part I, II P190-15 , Part I, II	IPC: 705.16.4 IRC-P: P3003.13.4	ASTM D3138-04(2011) <i>Standard Specification for Solvent Cements for Transition Joints Between Acrylonitrile-Butadiene-Styrene (ABS) and Poly (Vinyl Chloride) (PVC) Non-Pressure Piping Components</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
G236-15	IBC: N108.4 (NEW), N111 (NEW)	ASTM D5206-2013 <i>Standard Test Method for Windload Resistance of Rigid Plastic Siding</i>	Appears to be written in enforceable language. No proprietary references. Consensus process stated.
FS156-15	IBC-FS: 1404.13	ASTM D7793-13 <i>Standard Specification for Insulated Vinyl Siding</i>	Currently referenced in the IRC.
G209-15	IBC-G: 3002.1	ASTM E154/E154M-08a(2013)e1 <i>Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs on Walls, or as Ground Cover</i>	The standard contains language that could affect enforceability. See Sections 3.2.2.1, 9.1 and 10.1.2. No proprietary references noted. Consensus process stated.
FS140-15	IBC-G: 406.8.3, 424.2 IBC-FS: 804.2, 804.3	ASTM E648-14c <i>Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source</i>	Appears to be written in enforceable language. Compliance with this standard requires the use of proprietary products. See Sections 6.5, 6.7.1. Consensus process stated.
G117-15	IBC-G: 412.3.7	ASTM E1725-14 <i>Standard Test Methods for Fire Tests of Fire-Resistive Barrier Systems for Electrical System Components</i>	Appears to be written in enforceable language. References to proprietary products were found in Section 5.3.2 which is part of the test specifications and the footnote to that section. Consensus process stated.
M160-15 Part I, II	IBC: 2603.7.3; 602.2.1.6.2.3	ASTM E2231-09 <i>Standard Practice for Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess to Surface Burning Characteristics</i>	Currently referenced in both the IMC and the IRC.
FS47-15 FS48-15	IBC: 713.2	ASTM E2336-04(2013) <i>Standard Test Methods Fire Resistive Grease Duct Enclosure Systems</i>	Currently referenced in the IMC.
FS135-15	IBC: 803.11 (NEW)	ASTM E2579-13 <i>Standard Practice for Specimen Preparation and Mounting of Wood Products to Assess Surface Burning Characteristics</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
FS3-15	IBC: 703.5.1	ASTM E2652-12 <i>Standard Test Method for Behavior of Materials in a Tube Furnace with a Cone-shaped Airflow Stabilizer, at 750 C</i>	Appears to be written in enforceable language. No proprietary references noted.

FS109-15 FS105-15 FS145-15	IBC: 717.5.2; 717.2.1, 909.21.3	ASTM E2816-11 <i>Standard Test Methods for Fire Resistive Metallic HVAC Duct Systems</i>	Appears to be written in enforceable language. No proprietary references
FS34-15 , Part I, II, and III	IBC: 706.10.2, 715.7 (NEW); 715.4	ASTM E2837-13 <i>Standard Test Method for Determining the Fire Resistance of Continuity Head-of-Wall Joint Systems Installed Between Rated Wall Assemblies and Nonrated Horizontal Assemblies</i>	Appears to be written in enforceable language. No proprietary references noted.
P237-15 P241-15	IPC: Table 1102.4, Table 1102.5	ASTM F667-12 <i>Standard Specification for 3 through 24 in. Corrugated Polyethylene Pipe and Fittings</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
P205-15 Parts I,II	IPC: 718.4 (NEW), 718.5 (NEW) IRC-P: P3011.4 (NEW), P3011.5 (NEW)	ASTM F1504-2014 <i>Standard for Specification for Folded Poly (Vinyl Chloride) (PVC) for Existing Sewer and Conduit Rehabilitation</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
P205-15 Parts I, II	IPC: 718.5 (NEW) IRC-P: P3011.5 (NEW)	ASTM F1867-2012 <i>Standard Practice for Installation of Folded/Formed Poly (Vinyl Chloride) (PVC- Pipe Type A for Existing Sewer and Conduit Rehabilitation</i>	The standard contains language that could affect enforceability. See Sections 6.1.2, 6.1.4 No proprietary references were noted. Consensus process stated.
P205-15 , Parts I, II	IPC: 718.4 (NEW), 718.5 (NEW) IRC-P: P3011.4 (NEW), P3011.5 (NEW)	ASTM F1871-2011 <i>Standard Specification for Folded/Formed Poly (Vinyl Chloride) Pipe Type A for Existing Sewer and Conduit Rehabilitation</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
P205-15 , Parts I,II	IPC: 718.5 (NEW) IRC-P: P3011.5 (NEW)	ASTM F1947-2010 <i>Standard Practice For Installation of Folded Poly (Vinyl Chloride) (PVC) Pipe into Existing Sewers and Conduits</i>	The standard contains language that appears to affect enforceability. See Sections 7.1, 6.3.2 No proprietary references were noted. Consensus process stated.
P238-15	IPC: Table 1102.4	ASTM F2648/F2648-13 <i>Standard Specification for 2 to 60 inch [50 to 1500 mm] Annular Corrugated Profile Wall Polyethylene (PE) Pipe and Fittings for Land Drainage Applications</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
P171-15	IPC: Table 702.3	ASTM F2736-13e1 <i>Standard Specification for 6 to 30 in (152-762mm) Polypropylene (PP) Corrugated Single Wall Pipe and Double Wall Pipe</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
P171-15	IPC: Table 702.3	ASTM F2764/F2764M-11ae2 <i>Standard Specification for 30 to 60 in (750 to 1500mm) Polypropylene (PP) Triple Wall Pipe and Fittings for Non-Pressure Sanitary Sewer Applications</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
P239-15	IPC: Table 1102.4	ASTM F2881-11 <i>Standard Specification for 12 to 60 in. [300 to 1500mm] Polypropylene (PP) Dual Wall Pipe and Fittings for Non-Pressure Storm Sewer Applications</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.

BUILDERS HARDWARE MANUFACTURERS ASSOCIATION (BHMA)			
E54-15	IBC: 1010.1.4.2	BHMA A156.38-2014 <i>Low Energy Power Operated Sliding and Folding Doors</i>	Appears to be written in enforceable language. No proprietary references noted.. Consensus process stated.
CONSUMER PRODUCT SAFETY COMMISSION (CPSC)			
M113-15	IMC: 202 (NEW), 1009.1	CPSC-August 2011 <i>Title 15 of the Federal Hazardous Substances Act.</i>	Appears to be written in enforceable language. No proprietary references were noted. The standard provides no indication that it is promulgated according to a consensus process.
CSA and CSA AMERICA STANDARDS			
M104-15 RM39-15	IMC: 916.1 IRC: M2006.1	CSA 22.2 No. 218.1-M89(R2011) <i>Spas, Hot Tubs and Associated Equipment</i>	Currently referenced in the ISPSC.
M104-15 RM39-15	IMC: 916.1 IRC: M2006.1	CSA 22.2 No. 236-2011 <i>Cooling Equipment</i>	Currently referenced in the ISPSC.
RM43-15 M136-15 M138-15 P112-15 P120-15 RP16-15	IRC-M: Table M2101.1, M2105.4, Table M2105.5, IMC: Table 1202.4 IPC: Table 605.3, Table 605.4, Table 605.5 IRC-P: Table P2906.4, Table P2906.5, Table P2906.6	CSA B137.18-13 <i>Polyethylene of Raised Temperature resistance (PE-RT) tubing systems for pressure applications</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
P236-15 P171-15	IPC: Table 1102.4; Table 702.3	CSA B182.13-11 (within B1800-11) <i>Profile Polypropylene (Pp) Sewer Pipe and Fittings for Leak-Proof Sewer Applications</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated..
M134-15	IMC: 1201.4 (NEW)	CSA B214-12 <i>Installation Code for Hydronic Heating Systems</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
EPA STANDARDS			
G227-15	IBC: 3304.1.5 (NEW)	Code of Federal Regulations: Chapter 40 Part 268 Subpart C <i>Prohibition on Land Disposal</i>	Appears to be written in enforceable language. No proprietary references noted. The standard provides no indication that it is promulgated according to a consensus process.
PM9-15	IPMC: B102.1 IEBC: A106.2	40 CFR Part 745.65 <i>Lead-Based Paint Poisoning Prevention in Certain Residential Structures, 2012</i>	Document is a website database for a government organization that catalogs lead-based paint hazards. As this is not a specific standard, a review cannot be made.

PM9-15	IPMC: B102.2	40 CFR Part 763 <i>Asbestos-Containing Material in Schools, 1987</i>	Document is a website database for a government organization that catalogs asbestos-containing material hazards. As this is not a specific standard, a review cannot be made.
FDA STANDARDS			
M113-15 RM54-15	IMC: 1403.3 (NEW); IRC-M: M2301.4, M2301.4.1, M2301.4.1.1, M2301.4.1.2 (NEW)	FDA- <i>Code of Federal Regulations, Title 21, Food and Drugs, Chapter 1, Food and Drug Administration, Parts 174-186</i>	Appears to be written in enforceable language. No proprietary references were noted. The standard provides no indication that it is promulgated according to a consensus process.
FM STANDARDS			
G236-15	IBC: N108.3.2 (NEW), N109.4 (NEW), N111 (NEW)	FM 4473-2011 <i>Specification Test Standard for Impact Resistance Testing of Rigid Roof Materials</i>	The standard appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
ICC STANDARDS			
M113-15 SP20-15	IMC: 1402.8.1.1 ISPSC: 316.6.2 (New)	ICC 901/SRC 100-13 <i>Standard 100 Minimum Standards for Solar Thermal Collectors</i>	Currently referenced in both the IgCC and the IRC.
M113-15 M110-15 P89-15 SP20-15	IMC: 1402 (NEW), 1403 (NEW); 1401.4; 1002.1 IPC: 502.1 ISPSC: 316.6.2 (New)	ICC900/SRCC 300-13 <i>Standard 300 Minimum Standards for Solar Water Heating Systems</i>	Currently referenced in the IRC.
M113-15 M110-15	IMC: 1402.8.1.1, 1401.4.1	SRCC 600-13 <i>Standard 600 Minimum Standard for Solar Concentrating Collectors</i>	Currently referenced in the IRC.
G234-15	IBC: N104.1 (NEW)	ICC G1-2010 <i>Guidelines for Replicable Buildings</i>	The standard contains language that could affect enforceability. See the Scope, Expert Qualifications, Definitions and Process Methodology sections. No proprietary references were noted. Consensus process stated.
INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL INSPECTORS (IAPMO)			
P123-15	IPC: Table 605.7	IAPMO/ANSI Z1157-2014 <i>Ball Valves</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
P242-15 P243-15	IPC: 1102.6	ASPE/IAPMO Z1034 <i>Test Method for Evaluating Roof Drain Performance</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
INTERNATIONAL INSTITUTE OF AMMONIA REFRIGERATION (IIAR)			
M115-15	IMC: 1101.6	ANSI/IIAR 3-2012 <i>Ammonia Refrigeration Valves</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.

M115-15	IMC: 1101.6	ANSI/IIAR 4-201X <i>Installation of Closed-Circuit Ammonia Refrigeration Systems</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated. Submitted in draft form.
M115-15	IMC: 1101.6	ANSI/IIAR-5-2013 <i>Start-up and Commissioning of Closed-Circuit Ammonia Refrigeration Systems</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
INTERNATIONAL ORGANIZATION FOR STANDARDIZATION (ISO)			
FS54-15	IBC: 714.2	ISO/IEC 17011:2004 <i>Conformity Assessment-General requirements for accreditation bodies accrediting conformity bodies</i>	Appears to be written in enforceable language. No proprietary references noted. The standard provides no indication that it is promulgated according to a consensus process.
FS54-15	IBC: 714.2	ISO/IEC 17065:2012 <i>Conformity assessment – Requirements for bodies certifying products, processes and services</i>	Appears to be written in enforceable language. No proprietary references noted. The standard provides no indication that it is promulgated according to a consensus process.
MANUFACTURERS STANDARDIZATION SOCIETY OF THE VALVE AND FITTINGS INDUSTRY, INC. (MSS)			
P124-15 Part I, II P125-15	IPC: Table 605.7 IRC-P: Table P2903.9.4	MSS SP-122-2012 <i>Plastic Industrial Ball Valves</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
P124-15 Part I, II P125-15	IPC: Table 605.7 IRC-P: Table P2903.9.4	MSS SP-139-2014 <i>Copper Alloy Gate, Globe, Angle, and Check Valves for Low Pressure/Low Temperature Plumbing Applications</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
NFPA STANDARDS			
G95-15	IBC: 406.1.9.2	NFPA 30A-2015 <i>Code for Motor Fuel Dispensing Facilities and Repair Garages</i>	Currently referenced in the IFC, IFGC and the IMC.
EB23-15	IEBC: 704.2; 805.4.6	NFPA 80-2013 <i>Standard for Fire Doors and Other Opening Protectives</i>	Currently referenced in both the IFC and IBC.
NFSI STANDARDS			
E2-15	IBC-E: 1003.4	ANSI/NFSI B101-2009 <i>Test Method for Measuring Wet SCOF of Common Hard-Surface Floor Materials</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
E2-15	IBC-E: 1003.4	ANSI/NFSI B101.3-2012 <i>Test Method for Measuring Wet DCOF of Common Hard-Surface Floor Materials (Including Action and Limit Thresholds for the Suitable Assessment of the Measured Values)</i>	Appears to be written in enforceable language. No proprietary references noted. Consensus process stated.
NGWA STANDARDS			
P98-15 , Part I, II	IPC: 602.3.1	ANSI/NGWA 01-14	Appears to be written in

P99-15 , Parts I,II	IRC-P: P2602.1	<i>Water Well Construction Standard</i>	enforceable language. No proprietary references were noted. Consensus process stated.
NSF STANDARDS			
P56-15	IPC: 409.1	NSF 184-2014 <i>Residential Dishwashers</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
M145-15	IMC: 1210.4; 1210.5	NSF 358-2-2012 <i>Polypropylene Pipe and Fittings for Water-Based Ground Source "Geothermal" Heat Pump Systems</i>	Currently referenced in the IRC.
M155-15 RM50-15	IMC: 1210.4, IRC: M2105.4, M2105.5	NSF 358-3-Revision 1 (October 2014) <i>Cross-linked Polyethylene (PEX) Pipe and Fittings for Water-Based Ground Source (Geothermal) Heat Pumps Systems</i>	Appears to be written in enforceable language. No proprietary references were noted. The standard provides no indication that it is promulgated according to a consensus process. Submitted in draft form.
SMACNA STANDARDS			
M89-15	IMC: 603.5.2	SMACNA-2015 <i>Phenolic Duct Construction Standard 1st Edition</i>	Appears to be written in enforceable language. No proprietary references were noted. The standard provides no indication that it is promulgated according to a consensus process. Submitted in draft form.
SRCC STANDARDS			
M113-15 M110-15 SP20-15	IMC: 1402.8.1.1 ISPSC: 316.6.2	ICC 901/SRC 100-13 <i>Standard 100 Minimum Standards for Solar Thermal Collectors</i>	Currently referenced in both the IgCC and the IRC
M113-15 M110-15 P89-15 SP20-15	IMC: 1402 (NEW), 1403 (NEW); 1401.4; 1002.1 IPC: 502.1 ISPSC: 316.6.2	ICC900/SRCC 300-13 <i>Standard 300 Minimum Standards for Solar Water Heating Systems</i>	Currently referenced in the IRC.
M113-15 M110-15	IMC: 1402.8.1.1, 1401.4.1	SRCC 600-13 <i>Standard 600 Minimum Standard for Solar Concentrating Collectors</i>	Currently referenced in the IRC.
UL STANDARDS			
FS102-15	IBC: 202, 717.2	UL 10D-2014 <i>Standard for Fire Tests of Fire Protective Curtain Assemblies</i>	Appears to be written in enforceable language. No proprietary references noted. Consensus process stated.
M156-15	IMC: 1302.7	UL 79-05 <i>Standard for Power-Operated Pumps for Petroleum Dispensing Products</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
M44-15 RM14-15	IMC: 505.2 IRC-M: M1503.2 (NEW)	UL 507-99 <i>Standard for Electric Fans</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.

M106-15	IMC: 929.1	UL 1370-11 <i>Standard for Unvented Alcohol Fuel Burning Decorative Appliances with revisions through January 2014.</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
M104-15	IMC: 916.1	UL 1563-2009 <i>Standard for Electric Hot Tubs, Spas and Association Equipment with revisions through July 2012</i>	Currently referenced in the ISPSC.
G211-15	IBC: 3111.3.1	UL 1741-2010 <i>Inverters, Converters, Controllers and Interconnection System Equipment with Distributed Energy Resources</i>	Currently referenced in the IRC.
M27-15	IMC: 404.1	UL 2075-2013 <i>Standard for Gas and Vapor Detectors and Sensors</i>	Currently referenced in the IBC, the IFC and the IRC.
G95-15	IBC: 406.1.7	UL 2202-2009 <i>Standard for Electric Vehicle (EV) Charging System Equipment</i>	No proprietary references were noted. There is frequent use of the word 'may' which can indicate the provisions that are non-mandatory. The vast majority of the uses of 'may' are found where options to a requirement of the standard are allowed or where equipment not specified by the standard is allowed to be connected to the equipment regulated by the standard. Consensus process stated.
G236-15	IBC:	UL 2218-2010 <i>Standard For Impact Resistance of Prepared Roof Covering Materials</i>	Appears to be written in enforceable language. No proprietary references noted. Consensus process stated.
G95-15	IBC: 406.1.7	UL 2594-2013 <i>Electric Vehicle Supply Equipment</i>	No proprietary references were noted. There is frequent use of the word 'may' which can indicate the provisions that are non-mandatory. The vast majority of the uses of 'may' are found where options to a requirement of the standard are allowed or where equipment not specified by the standard is allowed to be connected to the equipment regulated by the standard. However in three sections the use of the word 'may' could affect enforceability: 7.1.1; 12.3.8.1 and 26.5. Consensus process stated.
S2-15	IBC:[BF] 1505.9	UL 2703-14 <i>Outline of Investigation for Mounting Systems, Mounting Devices, Clamping/Retention Devices and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels</i>	The standard contains language that appears to affect enforceability. See Sections 6.5, 6.7, 9.4, 10.1. No proprietary references were noted. Consensus process stated.

M68-15 M76-15	IMC: 602.2.1.7; 602.2.1.2	UL 2846-14 <i>Standard for Fire Test of Plastic Water Distribution Plumbing Pipe for Visible Flame and Smoke Characteristics</i>	Appears to be written in enforceable language. No proprietary references were noted. Consensus process stated.
ULC STANDARDS			
M73-15	IMC: 602.2.1.7	CAN/ULC S102.2-2010 <i>Standard Method of Test for Surface Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies</i>	Currently referenced in both the IBC and the IRC.

3.6 Referenced Standards: In order for a standard to be considered for reference or to continue to be referenced by the Codes, a standard shall meet the following criteria:

3.6.1 Code References:

- 3.6.1.1** The standard, including title and date, and the manner in which it is to be utilized shall be specifically referenced in the Code text.
- 3.6.1.2** The need for the standard to be referenced shall be established.

3.6.2 Standard Content:

- 3.6.2.1** A standard or portions of a standard intended to be enforced shall be written in mandatory language.
- 3.6.2.2** The standard shall be appropriate for the subject covered.
- 3.6.2.3** All terms shall be defined when they deviate from an ordinarily accepted meaning or a dictionary definition.
- 3.6.2.4** The scope or application of a standard shall be clearly described.
- 3.6.2.5** The standard shall not have the effect of requiring proprietary materials.
- 3.6.2.6** The standard shall not prescribe a proprietary agency for quality control or testing.
- 3.6.2.7** The test standard shall describe, in detail, preparation of the test sample, sample selection or both.
- 3.6.2.8** The test standard shall prescribe the reporting format for the test results. The format shall identify the key performance criteria for the element(s) tested.
- 3.6.2.9** The measure of performance for which the test is conducted shall be clearly defined in either the test standard or in Code text.
- 3.6.2.10** The standard shall not state that its provisions shall govern whenever the referenced standard is in conflict with the requirements of the referencing Code.
- 3.6.2.11** The preface to the standard shall announce that the standard is promulgated according to a consensus procedure.

3.6.3 Standard Promulgation:

- 3.6.3.1** Code change proposals with corresponding changes to the code text which include a reference to a proposed new standard or a proposed update of an existing referenced shall comply with this section. The standard shall be completed and readily available prior to Final Action Consideration based on the cycle of code development which includes the proposed code change proposal. In order for a new standard to be considered for reference by the Code, such standard shall be submitted in at least a consensus draft form in accordance with Section

3.4. Updating of standards without corresponding code text changes shall be accomplished administratively in accordance with Section 4.5.

3.6.3.2 The standard shall be developed and maintained through a consensus process such as ASTM or ANSI.