

**GROUP A
NEW STANDARDS PROPOSED IN
2018 CODE CHANGE CYCLE
LISTED BY STANDARDS ORGANIZATION
STAFF ANALYSES**

April 2, 2018

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 2018 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
ACCA STANDARDS			
RM7-18	IRC: M1401.1	ANSI/ACCA 5 QI-2015 <i>HVAC Quality Installation Specification</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M18-18	IMC: 403.2.1	ANSI/ACCA 10 Manual SPS-2010 RA 2017 <i>HVAC Design for Swimming Pools and Spas</i>	Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface. The standard appears to be a design guide or recommended practice document not intended to be enforceable.
M70-18 RM31-18	IMC: 603.2 IRC: M1601.1.1	ANSI/ACCA 11 Manual Zr-2018 <i>Residential HVAC System Zoning</i>	Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface. The standard was submitted in consensus draft form. The standard appears to be a design guide or recommended practice document not intended to be enforceable.
ANSI STANDARDS			
E2-18	IBC: 1003.4.1	ANSI A326.3-2017 <i>American National Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials</i>	Contains language that could affect enforceability. (Example(s) from the standard: Sections 8.2.6) Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M99-18	IMC: 1108.3.4	ANSI B1.20.3-1976 <i>Dryseal Pipe Threads</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
FG21-18	IFGC: 411.1	ANSI Z21.41/CSA 6.9-2014 <i>Quick Disconnect Devices for Use with Gas Fuel Appliances</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F65-18	IFC: 603.4.2.2.1	ANSI Z21.58/CSA 1.6-2015 <i>Outdoor Cooking Gas Appliances</i>	Currently referenced in the IFGC and the IRC.
FG21-18	IFGC: 411.1	ANSI Z21.90 CSA 6.24-2015 <i>Gas Convenience Outlets and Optional Enclosures</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
F65-18	IFC: 603.4.2.2.1	ANSI Z83.26/CSA 2.37-2014 <i>Gas-Fired Outdoor Infrared Patio Heaters</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
APSP STANDARDS			
SP14-18	ISPSC: 307.2.5	ANSI/APSP/NPC/ICC 12-16 <i>American National Standard for the Plastering of Swimming Pools</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
SP16-18	ISPSC: 316.2b	ICC 902/APSP 902/SRCC 400-2017 <i>Solar Pool and Spa Heating System</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
ASCE STANDARDS			
F238-18	IFC: Table 3103.9.1	ASCE 7-16 <i>Minimum Design Loads and Associated Criteria for Buildings and Other Structures</i>	Currently referenced in the IBC, IEBC and the IRC.
F241-18	IFC: 3103.10.2	ASCE/SEI 55-16 <i>Tensile Membrane Structures</i>	Currently referenced in the IBC.
ASHRAE STANDARDS			
RM8-18	IRC: M1404.1	ANSI/ASHRAE 15-2016 <i>Safety Standard For Refrigeration Systems And Designation And Classification Of Refrigerants</i>	Currently referenced in the IFC and the IMC.
M27-18	IMC: 403.3.1.1.2.5	ASHRAE 52.2-2017 <i>Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size</i>	Currently referenced in the 2015 IgCC.
SP23-18	ISPSC: 324.1	ASHRAE 62.1-2016 <i>Ventilation for Acceptable Indoor Air Quality</i>	Currently referenced in the IEBC, IECC-C; and the IMC.
M33-18 RM25-18 RM26-18	IMC: 403.3 IRC: M1505.1	ASHRAE 62.2-2016 <i>Ventilation and Acceptable Indoor Air Quality in Residential Buildings with Addenda b, d, k, l, g and s</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M20-18	IMC: 401.2	ASHRAE 90.1-2016 <i>Energy Standard for Buildings Except Low-rise Residential Buildings</i>	Currently referenced in the IECC-C.
P80-18	IPC: 604.3.1	ASHRAE 188-2015 <i>Legionellosis: Risk Management for Building Water Systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
P78-18 M12-18	IPC: 604.1 IMC: 313.1	ASHRAE 188-2018 <i>Legionellosis: Risk Management for Building Water Systems (ANSI/ASHRAE Approved)</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface. The standard was submitted in consensus draft form.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
ASME STANDARDS			
P105-18 P106-18, Part I P106-18, Part II P108-18 P109-18, Part I P109-18, Part II	IPC: 705.2.4, 705.10.4 IRC: P3003.3.4, P3003.9.4; Table P3002.3	ASME A112.4.4-2017 <i>Plastic Push Fit Drain, Waste, and Vent (DWV) Fittings</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
P30-18	IPC: 405.4.3	ASME A112.6.1M-1997 (R2017) <i>Floor Affixed Supports for Off-the-Floor Plumbing Fixtures for Public Use</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
RP14-18:	IPC: P3201.3, P3201.6	ASME A112.18.8-2009 (R2014) <i>In-Line Sanitary Waste Valves For Plumbing Drainage Systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M99-18	IMC: 1108.3.4	ASME B1.1-2003 <i>Unified Inch Screw Threads, (UN and UNR Thread Form)</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M99-18	IMC: 1108.3.4	ASME B1.13M-2006 <i>Metric Screw Threads: M Profile</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M99-18	IMC: 1108.3.4	ASME B1.20.3-1976 <i>Dryseal Pipe Threads, Inch</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
ASPE STANDARDS			
P126-18	IPC: 1102.6	ASPE/IAPMO/ANSI Z1034-2015 <i>Test Method for Evaluating Roof Drain Performance</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
ASSE STANDARDS			
P119-18	IPC: 919.1	ASSE 1030-2016 <i>Performance Requirements for Positive Pressure Reduction Devices for Sanitary Drainage Systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
P12-18	IPC: 312.10.2	ASSE 1064-2006(R2011) <i>Performance Requirements for Backflow Prevention Assembly Field Test Kits</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M99-18	IMC: 1108.1.1	ASSE 1079-05 <i>Performance Requirements for Dielectric Pipe Unions</i>	Currently referenced in the IPC.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
P97-18, Part I P97-18, Part II	IPC: Table 608.1, 608.14.3, 608.17.2 IRC: Table P2902.3; P2902.3.3, P2902.5.1	ASSE 1081-2014 <i>Performance Requirements for Backflow Preventers with Integral Pressure Reducing Boiler Feed Valve and Intermediate Atmospheric Vent Style for Domestic and Light Commercial Water</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
P45-18, Part I P45-18, Part II P48-18, Part I P48-18, Part II P49-18 P50-18, Part I P50-18, Part II P51-18 P59-18 P60-18 P61-18 P65-18 P66-18 P96-18	IPC: 412.3, 412.5, 412.10, 419.5, 423.3, 607.1.1, 607.1.2 IRC: P2708.4, P2713.3	ASSE 1082-2018 <i>Performance Requirements for Water Heaters used as Temperature Control Devices for Hot Water Distribution Systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. The standard was submitted in consensus draft form.
P35-18 P45-18, Part I P45-18, Part II P48-18, Part I P48-18, Part II P49-18 P50-18, Part I P50-18, Part II P51-18 P59-18 P60-18 P61-18 P65-18 P66-18 P96-18	IPC: 408.3, 412.3, 412.5, 412.10, 419.5, 423.3, 607.1.1 IRC: P2708.4, P2713.3	ASSE 1084-2018 <i>Performance Requirements for Water Heaters used as Temperature Limiting Devices</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. The standard was submitted in consensus draft form.
P42-18 P96-18	IPC: 411.3, 607.1.1	ASSE 1085-2018 <i>Performance Requirements for Water Heaters for Emergency Equipment</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. The standard was submitted in consensus draft form.
P102-18	IPC: 611.1, 611.2	ASSE 1087-2018 <i>Performance Requirements for Commercial and Food Service Water Treatment Equipment Utilizing Drinking Water</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. The standard was submitted in consensus draft form.
ASTM STANDARDS			
M121-18 M123-18 M126-18 P83-18 RM43-18	IMC: Table 1302.3 IPC: Table 605.3 IRC: M2202.1	ASTM A269/A269M-15a <i>Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
M121-18 M123-18	IMC: Table 1302.3	ASTM A312-17 <i>Standard for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes</i>	Currently referenced in the IPC, IRC and ISPSC.
P104-18	IPC: Table 702.6	ASTM A518/A518M-99(2012) <i>Standard Specification for Corrosion-Resistant High Silicon Iron Castings</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M99-18	IMC: 1108.3.3	ASTM B813-10 <i>Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube</i>	Currently referenced in the IPC, IPSCD and IRC.
PSD2-18	IPSCD: 504.2.2	ASTM C478-15a <i>Specification for Circular Precast Reinforced Concrete Manhole Sections</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
G125-18	IBC: 1206.2	ASTM C919-12(2017) <i>Standard Practice for Use of Sealants in Acoustical Applications</i>	Contains language that could affect enforceability. (Example(s): Sections 1.1, 4.1, 6.1. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process.
PSD2-18	IPSCD: 504.2.1	ASTM C1644-06 <i>Specification for Resilient Connectors Between Reinforced Concrete On-Site Wastewater Tanks and Pipes</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
P25-18	IPC: 404.3	ASTM C1822-15 <i>Standard Specification for Insulating Covers on Accessible Lavatory Piping</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M68-18	IMC: 603.8.3	ASTM D1248-12 <i>Standard Specification for Polyethylene Plastics Extrusion Materials for Wire and Cable</i>	Currently referenced in the IRC.
M68-18	IMC: 603.8.3	ASTM D1784-11 <i>Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds</i>	Currently referenced in the IRC.
P103-18, Part I P103-18, Part II	IPC: Table 702.3 IRC: Table P3002.2	ASTM D2680-01(2014) <i>Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) and Poly (Vinyl Chloride) (PVC) Composite Sewer Piping</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
FS6-18	IBC: 703.9	ASTM D3498-03(2011) <i>Standard Specification for Adhesives for Field-Gluing Plywood to Lumber Framing for Floor Systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
SP11-18	IPSCD: 307.1.2.1	ASTM D4086-92a(2012) <i>Standard Practice for Visual Evaluation of Metamerism</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
FS96-18	IBC: 705.2.5.2.5, 1402.6.11	ASTM D4442-16 <i>Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
G154-18	IBC: Appendix P (NEW) P101.1	ASTM D5197-16 <i>Standard Test Method for Determination of Formaldehyde and Other Carbonyl Compounds in Air (Active Sampler Methodology)</i>	Currently referenced in the 2015 IgCC.
FS114-18	IBC: 1403.13	ASTM D7793-17 <i>Standard Specification for Insulated Vinyl Siding</i>	The 2013 edition of the standard is currently referenced in the IRC. The 2017 version proposed for reference here appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
G123-18	IBC: 1206.3	ASTM E336-17a <i>Standard Test Method for Measurement of Airborne Sound Attenuation between Rooms in Buildings</i>	Contains language that could affect enforceability. (Example(s): Sections 1.3 and 8.4. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process.
G126-18	IBC: 1206.3	ASTM E1007-16 <i>Test Method for Field Measurement of Tapping Machine Impact Sound Transmission Through Floor-Ceiling Assemblies and Associated Support Structures</i>	Contains language that could affect enforceability. (Example(s): Sections 3.2.7.1, 4.4, 9.2, 11.5.2, 11.6.3, 13.2.1, 13.3. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process.
SP11-18	ISPSC: 307.1.2.1	ASTM E1347-06(2015) <i>Standard Test Method for Color and Color-Difference Measurement by Tristimulus Colorimetry</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
SP11-18	ISPSC: 307.1.2.1	ASTM E1477-98a(2017) <i>Standard Test Method for Luminous Reflectance Factor of Acoustical Materials by Use of Integrating-Sphere Reflectometers</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
FS96-18	IBC: 705.2.5.3	ASTM E2257-17 <i>Standard Test Method for Room Test of Wall and Ceiling Materials and Assemblies</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
WUIC9-18 WUIC10-18 WUIC14-18	IWUIC: 504.7.1, 505.7.1, 505.7.1.1, 507.1.1, 507.2.2.1	ASTM E2632/E2632M-13e1 <i>Standard Test Method for Evaluating the Under-Deck Fire Test Response of Deck Materials</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process is stated in the preface.
FS3-18	IBC: 703.5.1	ASTM E2652-16 <i>Standard Test Method for Behavior of Materials in a Tube Furnace with a Coneshaped Airflow Stabilizer, at 750 C</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
WUI6-18 WUI12-18	IWUIC: 504.5, 504.5.1, 504.7.1, 505.5, 505.5.1	ASTM E2707-15 <i>Standard Test Method for Determining Fire Penetration of Exterior Wall Assemblies Using a Direct Flame Impingement Exposure</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process is stated in the preface.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
FS30-18	IBC: 715.5, 715.6	ASTM E2837-17 <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. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
FS93-18	IBC: 1404.5.1, 1404.5.2	ASTM E2925-17 <i>Standard Specification for Manufactured Polymeric Drainage and Ventilation Materials Used to Provide a Rainscreen Function</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F93-18	IFC: 806.1.4	ASTM E3082-17 <i>Standard Test Methods for Determining the Effectiveness of Fire Retardant Treatments for National Christmas Trees</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process is stated in the preface.
P115, Part I	IPC: 717.6	ASTM 1504-2014 <i>Standard Specification for Folded Poly (Vinyl Chloride) (PVC) for Existing Sewer and Conduit Rehabilitation</i>	Currently referenced in the IRC.
G72-18	IBC: 429.4	ASTM F1577-05(2012) <i>Standard Test Methods for Detention Locks for Swinging Doors</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
P115, Part I	IPC: 717.6	ASTM F1871-2011 <i>Standard Specification for Folded/Formed Poly (Vinyl Chloride) Pipe Type A for Existing Sewer and Conduit Rehabilitation</i>	Currently referenced in the IRC.
P116-18	IPC: 717.1 (NEW)	ASTM F2561-17 <i>Standard Practice for Rehabilitation of a Sewer Service Lateral and its Connection to the Main Using a One Piece Main and Lateral Cured-in-Place Liner</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
P116-18	IPC: 717.1 (NEW)	ASTM F2599-16 <i>Standard Practice for The Sectional Repair of Damaged Pipe by Means of an Inverted Cured-in-Place Liner</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
P104-18	IPC: Table 702.6 (NEW)	ASTM F2618-15 <i>Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Fittings for Chemical Waste Drainage Systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M103-18	IMC: Table 1202.4	ASTM F2855-12 <i>Standard Specification for Chlorinated Poly (Vinyl Chloride)/Aluminum/Chlorinated Poly (Vinyl Chloride) (CPVC-AL-CPVC) Composite Pressure Tubing</i>	Currently referenced in the IPC.
P114-18	IPC: 708.1.8	ASTM F3097-17 <i>Standard Practice for Installation of an Outside Sewer Service Cleanout through a Minimally Invasive Small Bore Vacuum Excavation</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.

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M121-18 M123-18 P86-18 P87-18, Part I P87-18, Part II	IMC: Table 1302.3 IPC: Table 605.5 IRC-P: Table P2906.6	ASTM F3226/F3226M-16 <i>Standard Specification for Metallic Press-Connect Fittings for Piping and Tubing Systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
P116-18	IPC: 717.1 (NEW)	ASTM F3240-17 <i>Standard Practice for Installation of Seamless Molded Hydrophilic Gaskets (SMHG) for Long Term Watertightness of Cured-in Place Rehabilitation of Main and Lateral Pipelines</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M104-18	IMC: Table 1202.4; Table 1202.5	ASTM F3253-17 <i>Standard Specification for Crosslinked Polyethylene (PEX) Tubing with Oxygen Barrier for Hot- and Cold Water Hydronic Distribution Systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
S17-18 S18-18	IBC: 1705.14, 1705.15	ASTM WK54567-2018 <i>Standard Practice for the On-Site Inspection of Installed Fire Resistive Materials</i>	ASTM standards follow a consensus process. Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies.
M102-18	IMC: 1107.5.6	ASTM FXXX-WK60062 <i>New Standard Specification for Polyethylene of Raised Temperature/Aluminum/Polyethylene of Raised Temperature (PE-RT/AL/PE-RT) Composite Pressure Pipe</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface. The Standard was submitted in consensus draft form.
BHMA STANDARDS			
E65-18	IBC: 1010.1.10.1	ANSI/BHMA A156.3-2014 <i>Exit Devices</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
E60-18	IBC: 1010.1.9.8.1	ANSI/BHMA A156.24-2018 <i>Delayed Egress Locking Systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
E54-18	IBC: 1010.1.9.6	ANSI/BHMA A156.41-2017 <i>Standard For Door Hardware Single Motion to Egress</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH (CDPH)			
G154-18	IBC: Appendix P (NEW) P101.1, P103.1, P104.1, P105.1, P106.1, P107.1	CDPH/EHLB/Standard Method V 1.2-January 2017 <i>Standard Method for the Testing and Evaluation of Volatile Organic Chemical emissions from Indoor Sources Environmental Chambers 1.2"</i>	Currently referenced in the 2015 IgCC.

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CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY- AIR RESOURCE BOARD			
G154-18	IBC: Appendix P (NEW) P104.1	California Air Resources Board, <i>Suggested Control Measures for Architectural Coatings, February 1, 2008</i>	Currently referenced in the 2015 IgCC.
CSA and CSA AMERICA STANDARDS			
FG21-18	IFGC: 411.1	ANSI Z21.41/CSA 6.9-2014 <i>Quick Disconnect Devices for Use with Gas Fuel Appliances</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
FG21-18	IFGC: 411.1	ANSI Z21.90 CSA 6.24-2015 <i>Gas Convenience Outlets and Optional Enclosures</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M109-18 RM36-18 RM37-18 RM38-18	IMC: Table 1210.4, Table 1210.5, 1210.8; Table M2105.4, M2105.4, M2105.17	ANSI/CSA/IGSHPA C448 Series-16 <i>Design and Installation of Earth Energy Systems</i>	Currently referenced in the IMC and the IRC.
F20-18	IFC: 319.9.1.3	CSA/ANSI NGV 2-2016 <i>Compressed natural gas vehicle fuel containers</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F215-18	IFC: 2308.2.3	CSA/ANSI NGV 5.1-2016 <i>Residential Fueling Appliances</i>	Currently referenced in the IFGC.
FG22-18 F215-18	IFGC: 413.2.4 IFC: 2308.2.3, 2308.2.4	CSA/ANSI NGV 5.2-2017 <i>Vehicle Fueling Appliances (VFA)</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
PSD1-18	IPSDC: 504.5 (NEW)	CSA B66-16 <i>Design, Material, And Manufacturing Requirements For Prefabricated Septic Tanks And Sewage Holding Tanks</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F227-18	IFC: 2311.8	CSA B401-2019 <i>NGV Maintenance Facilities Code</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface. The Standard was submitted in consensus draft form.
P131-18, Part I P131-18, Part II P132-18, Part I P132-18, Part II	IPC: 1301.1.1 (NEW) IRC: P2912.1.1 (NEW)	CSA B805-17/ICC 805-2018 <i>Rain Harvesting System</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
DEPARTMENT OF HOMELAND SECURITY -INFRASTRUCTURE SECURITY COMPLIANCE DIVISION (DHS) STANDARDS			
F326-18	IFC: Appendix H (NEW) H104.2	6 CFR Part 27-2007 <i>Chemical Facility Anti-Terrorism (CFATS)</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Does not indicate promulgation by a consensus process as it is a federal regulation.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
DEPARTMENT OF JUSTICE (DOJ)			
G139-18	IBC: 3001.2	ADA with Disabilities Act Title III Regulations , Part 36, <i>Subpart C-36.303 Auxiliary Aids and Services.</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Does not indicate promulgation by a consensus process.
EPA STANDARDS			
G154-18	IBC: Appendix P (NEW) P101.1	USEPA Method TO-17 Issued 1/1999 <i>Determination of Volatile Compounds in Ambient Air Using Active Sampling on to Sorbent Tubes</i>	Contains language that could affect enforceability. (Example(s): Sections 2.4.6, 3.4, 3.6, 5.14, 5.15. Does not appear to require proprietary materials or agencies. Does not indicate promulgation by a consensus process.
FM STANDARDS			
F10-18	IFC: 304.3.4, 304.3.5, 305.3.6	FM 6921-2014 <i>Containers for Combustible Waste</i>	Appears to be written in enforceable language. Appears to require proprietary agencies. (See Section 2.3). Does not indicate promulgation by a consensus process.
IAPMO STANDARDS			
P102-18	IPC: 611.2	IAPMO PS 65-2002 <i>Airgap Units for Water Conditioning Equipment Installation</i>	Appears to be written in enforceable language. The standard appears to be a design guide or recommended practice document not intended to be enforceable. Does not appear to require proprietary materials or agencies. Does not indicate promulgation by a consensus process.
PSD1-18	IPSDC: 504.5	IAPMO IGC 262-2013 <i>Corrugated Thermoplastic Tanks</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Does not indicate promulgation by a consensus process.
PSD1-18	IPSDC: 504.5	IAPMO/ANSI Z1000-2013 <i>Prefabricated Septic Tanks</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
P126-18	IPC: 1102.6	ASPE/IAPMO/ANSI Z1034-2015 <i>Test Method for Evaluating Roof Drain Performance</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
ICC STANDARDS			
SP13-18	ISPSC: 307.1.4	ICC A117.1-09 <i>Accessible and Usable Buildings and Facilities</i>	Currently referenced in the IBC, IEBC, IFC, IPC, IRC and IZC.
E34-18 E119-18 E121-18 E130-18 E132-18 E133-18 E135-18 G127-18	IBC: 1009.6.3, 1106.7, 1107.2, 1109.6, 1109.12.3, 1109.13, 1110.4.15, 1207.1	ICC A117.1-17 <i>Accessible and Usable Buildings and Facilities.</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
SP16-18	ISPSC: Table 316.2(2) (NEW)	ICC 902/APSP 902/SRCC 400-2017 <i>Solar Pool and Spa Heating System</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
PM8-18, Part I PM8-18, Part II	IPMC: 310.2, 310.3, 310.4 IFC: 320 (NEW); 320.3; 320.4	ICC 500-2014 <i>ICC/NSSA Standard for the Design and Construction of Storm Shelters</i>	Currently referenced in the IBC and IRC.
P131-18, Part I P131-18, Part II P132-18, Part I P132-18, Part II	IPC: 1301.1.1 (NEW) IRC: P2912.1.1 (NEW)	CSA B805-17/ICC 805-2017 <i>Rain Harvesting System</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
FS155-18	IBC: 2603.1.1 (NEW)	ICC-1100-2018 <i>Consensus Draft-January 2018</i>	Developed following an ANSI process. Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies.
INTERNATIONAL GROUND SOURCE HEAT PUMPS ASSOCIATION (IGSHPA)			
M109-18 RM36-18 RM37-18 RM38-18	IMC: Table 1210.4, Table 1210.5, 1210.8; Table M2105.4, M2105.4, M2105.17	ANSI/CSA/IGSHPA C448 Series-16 <i>Design and Installation of Earth Energy Systems</i>	Currently referenced in the IMC and the IRC.
INTERNATIONAL INSTITUTE OF AMMONIA REFRIGERATION (IIAR)			
F76-18	IFC: 605.1.2	ANSI/IIAR 6-2018 <i>Maintenance and Inspection of Closed-circuit Ammonia Refrigerated Systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface. The Standard was submitted in consensus draft form.
F78-18	IFC: 605.1.2	ANSI/IIAR 9-2018 <i>Standard for Recognized and Generally Accepted Good Engineering Practices (RAGAGEP) for Existing Closed-circuit Ammonia Refrigeration Systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface. The Standard was submitted in consensus draft form.
ISO STANDARDS			
G151-18	IBC: Table 3114.8.5.3(3)	ISO 668-2013 <i>Series 1 freight containers-Classification, dimensions and ratings</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Is promulgated by a consensus process.
G151-18	IBC: 3114.8; Table 3114.8.5.3(3)	ISO 1496-2013 <i>Series 1 freight containers-Specification and Testing-Part 1: General cargo containers for general purposes</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Is promulgated by a consensus process.
G151-18	IBC: 3114.3	ISO 6346-1995 <i>Freight containers-Coding Identification and marking-Amendment 3-2012</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Is promulgated by a consensus process.
G154-18	IBC: Appendix P (NEW) P101.1	ISO/IEC 17025-2017 <i>General Requirements for the competence of testing and calibration laboratories</i>	Currently referenced in the 2015 IgCC.
G154-18	IBC: Appendix P (NEW) P101.1	ISO/IEC 17065-2012 <i>Conformity assessment-Requirements for bodies certifying products, processes and services.</i>	Currently referenced in the 2015 IgCC.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
NFPA STANDARDS			
F262-18, Part II	IBC: 3312.2.1 (NEW)	NFPA 56-17 <i>Standard for Fire and Explosion Prevention during Cleaning and Purging of Flammable Gas Piping Systems</i>	Currently referenced in the IFC.
F168-18	IFC: 911.1, 911.4; Table 2204.1; IBC:[F] Table 414.5.1	NFPA 68-13 <i>Standard on Explosion Protection by Deflagration Venting</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F203-18	IFC: 1206.2.1, 1206.3.1, 1206.3.7.1, 1206.4.1, 1206.5.1, 1206.5.2, 1206.5.3	NFPA 76-16 <i>Standard for the Fire Protection of Telecommunications Facilities</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F212-18	IFC: Table 2205.1 (NEW)	NFPA 77-2014 <i>Recommended Practice on Static Electricity</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M31-18	IMC: 407.1	NFPA 99-18 <i>Health Care Facilities Code</i>	Currently referenced in the IBC, IEBC, IFC, and IPC.
F277-18	IFC: Table 4004.1 (NEW)	NFPA 150-16 <i>Standard on Fire and Life Safety in Animal Housing Facilities</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F261-18	IFC: 3210.1	NFPA 232-17 <i>Standard for the Protection of Records</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F262-18, Part II	IBC: 3301.1; 3314.2,	NFPA 241-18 <i>Standard for Safeguarding Construction, Alteration, and Demolition Operations</i>	Currently referenced in the IFC.
F267-18, Part I F267-18, Part II	IFC: 3318.1.1, 3314.1.1.	NFPA 275-17 <i>Standard Method of Fire Tests for the Evaluation of Thermal Barriers</i>	Currently referenced in the IBC and IRC.
G137-18 F276-18	IBC: 2703.2 (NEW) IFC: 4003.4	NFPA 780-17 <i>Standard for the Installation of Lightning Protection Systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process.
F328-18	IFC: Appendix O (NEW) O101.2; O101.3; O101.4	NFPA 1031-14 <i>Standard for Professional Qualifications for Fire Inspector and Plan Examiner</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F328-18	IFC: Appendix O (NEW) O101.1	NFPA 1037-16 <i>Standard on Fire Marshal Professional Qualifications</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
NSF STANDARDS			
PSD5-18	IPSDC: 1101.2	NSF 46-2017 <i>Evaluation of Components and Devices used in Wastewater Treatment Systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
P102-18	IPC: 611.1	NSF 55-2016 <i>Ultraviolet Microbiological Water Treatment Systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
RP12-18	IRC: P2909.1	NSF 62-2016 <i>Drinking Water Distillation Systems</i>	Currently referenced in the IPC.
PSD1-18 PSD5-18	IPSDC: 1101.2; 1102.2.3; 1102.2.3.1; 1102.3; 1103.3	NSF 245-2013 <i>Wastewater Treatment Systems- Nitrogen Reduction</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
PSD1-18 PSD5-18	IPSDC: 1101.2, 1102.3, 1103.3	NSF 350-2014 <i>Onsite Residential and Commercial Water Reuse Treatment Systems</i>	Currently referenced in the IPC and IRC.
M113-18 RM40-18	IMC: Table 1210.4, Table 1210.5 IRC: Table M2105.4, Table M2105.5	NSF 358-3-2016 <i>Cross-linked polyethylene (PEX) pipe and fittings for water-based ground-source (geothermal) heat pump systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M113-18 RM39-18	IMC: Table 1210.4, Table 1210.5 IRC: Table M2105.4, Table M2105.5	NSF 358-4-2017 <i>Polyethylene of raised temperature (PE-RT) pipe and fittings for water-based ground source (geothermal) heat pump systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
P102-18	IPC: 611.1	NSF 401-2017 <i>Drinking Water Temperature Units-Emerging Compounds/Incidental Contaminants</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
PCI STANDARDS			
FS77-18	IBC: 722.1	PCI 124-18 <i>Specification for Fire Resistance of Precast/Prestressed Concrete</i>	Currently referenced in the IBC under a previous number.
SCAQMD STANDARDS			
G154-18	IBC: Appendix P (NEW) P103.1	RULE 1168-1989 <i>Adhesive and Sealant Applications with amendments through January 7, 2005</i>	Currently referenced in the 2015 IgCC.
SMACNA STANDARDS			
M69-18	IMC: 603.5	ANSI/SMACNA 011-2017 <i>Thermoset FRP Duct Construction Manual-2nd Edition</i>	Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface. The standard appears to be a design guide or recommended practice document not intended to be enforceable.
M68-18	IMC: 603.8, 603.8.3	SMACNA 2nd Edition-1995 <i>Thermoplastic Duct PVC Construction Manual</i>	Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface. The standard appears to be a design guide or recommended practice document not intended to be enforceable.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
STANDARDS COUNCIL OF CANADA			
PSD5-18	IPSDC: 1102.2.3.1 (NEW)	CAN/BNQ-3680-600 <i>Onsite Residential Wastewater Treatment Technologies Technologies including Modification 1 dated March 16, 2017</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
TCNA STANDARDS			
E2-18	IBC: 1003.4, 1003.4.1 (NEW)	ANSI A326.3-2017 <i>American National Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials</i>	Contains language that could affect enforceability. (Example(s) from the standard: Sections 8.2.6). Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
UL STANDARDS			
G34-18	IBC: 716.4	UL 10D-2017 <i>Standard for Fire Test of Fire Protective Curtain Assemblies</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
G137-18	IBC: 2703.2 (NEW)	UL 96A-2016 <i>Standard for Installation Requirements for Lightning Protection Systems</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M95-18	IMC: Table 1101.2	UL 109-97 <i>Tube Fittings for Flammable and Combustible Fluids, Refrigeration Service and Marine Use</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
E3-18	IBC: 1003.4.1	UL 410-06 <i>Standard for Slip Resistance of Floor Surface Materials</i>	Contains language that could affect enforceability. (Example(s) from the standard: Sections 1.4, 4.4.1, 5.2) Appears to require proprietary materials or agencies. The test must be done by a James Machine. It is not clear if this machine is offered by more than one company. (Example(s) from the standard: Section 4.2.1, 4.2.4, 4.2.5, 4.3.2) Does not indicate promulgation by a consensus process.
M95-18	IMC: Table 1101.2	UL 427-11 <i>Standard for Refrigerating Units</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F63-18	IFC: 603.3.2.1	UL 443-06 <i>Steel Auxiliary Tanks for Oil Burner Fuel (with revisions through March 8, 2013)</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M95-18	IMC: Table 1101.2	UL 474-15 <i>Standard for Dehumidifiers</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M88-15 M95-18	IMC: Table 1101.2; 1101.2	UL 484-14 <i>Standard for Room Air Conditioners</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
F72-18	IFC: 604.4.1	UL 498A-08 <i>Current Taps and Adapters – with revisions thru June 10, 2016</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M88-18	IMC: 1101.2	UL 541-16 <i>Standard for Refrigerated Vending Machines</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
FS158-18	IBC: 2606.7.4	UL 723S-2006 <i>Drop-Out Ceilings Installed Beneath Automatic Sprinklers</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F66-18	IFC: 603.8.1	UL 791-2006 <i>Residential Incinerators-with revisions through November 2014</i>	Currently referenced in the IMC.
F304-18	IFC: 1302.9 (NEW); Table 5703.6.2	UL 971A-2006 <i>Outline of Investigation for Metallic Underground Fuel Pipe</i>	This is an outline only and not a standard. Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Does not indicate promulgation by a consensus process.
E56-18	IBC: 1010.1.9.7	UL 1034-11 <i>Standard for Burglary-Resistant Electric Mechanisms-with revisions through 2015</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F73-18	IFC: 604.4.1.1	UL 1363A-2014 <i>Outline of Investigation for Special Purpose Relocatable Power Taps</i>	This is an outline only and not a standard. Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Does not state that it is promulgated according to a consensus procedure.
M120-18 F304-18	IMC: 1302.9 IFC: Table 5703.6.2	UL 1369-18 Aboveground Piping Requirements	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface. The standard was submitted in consensus draft form.
M85-18	IMC: 929.1	UL 1370-11 <i>Unvented Alcohol Fuel Burning Decorative Appliances with revisions through March 25, 2016</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F274-18	IFC: 3904.2.1	UL 1389- 17 <i>Plant Extraction Units</i>	This is an outline only and not a standard. Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Does not state that it is promulgated according to a consensus procedure.
F196-18 F305-18	IBC-FS: 403.4.8.2 IFC: 1203.1.2, 5703.7	UL 1489-2016 <i>Fire Resistant Pipe Protection Systems Carrying Combustible Liquids</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
F203-18	IFC: 1206.4.1	UL 1974-17 <i>Evaluation for Re-purposing Batteries</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface. The Standard was submitted in consensus draft form.
M88-18	IMC: 1101.2	UL 1995-2011 <i>Heating and Cooling Equipment – with revisions through July 2015</i>	Currently referenced in the IRC, IMC and ISPSC.
F22-18	IFC: 320.3.3	UL 2011-06 <i>Factory Automation Equipment</i>	This is an outline only and not a standard. Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F193-18	IFC: 1204.3	UL 2201-18 <i>Standard for Tests for Determining Carbon Monoxide (CO) Emission Rate of Portable Generators</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F48-18	IFC: 510.4	UL 2524-18 <i>Outline of Investigation for In-Building 2-way Emergency Radio Communication Enhancement Systems, 2018</i>	This is an outline only and not a standard. Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M52-18	IMC: 506.5.2	UL 8782-17 <i>Outline of Investigation for Pollution Control Units for Commercial Cooking</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Does not indicate promulgation by a consensus process.
F203-18	IFC: 202, 1206.1.5, 1206.3.1, 1206.3.7	UL 9540A-2017 <i>UL Standard for Safety Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process not stated in preface.
M88-18	IMC: 1101.2	UL 60335-2-24-17 <i>Household and Similar Electrical Appliances-Safety-Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
M86-18, Part I M86-18, Part II M88-18 SP17-18	IMC: 1101.2 Table 1102 IRC: M1402.1 ISPSC: Table 316.2	UL 60335-2-40-17 <i>Standard for Safety for Household and Similar Electrical Appliances-Safety-Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers</i>	Currently referenced in the IRC.
M86-18, Part I M88-18	IMC: 1101.2 Table 1102	UL/CSA 60335-2-89-17 <i>Household and Similar Electrical Appliances-Safety-Part 2-89: Particular Requirements for Commercial Refrigerating Appliances with an Incorporated or Remote Refrigerant Unit or Compressor</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
SP13-18	ISPSC: 307.1.4	UL 60335-2-1000 <i>Standard for Household and Similar Electrical Appliances: Particular Requirements for Electrically Powered Pool Lifts, with Revisions through September 29, 2017.</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F73-18	IFC: 604.4.1.1	UL 60601-1 <i>Medical Electrical Equipment, Part i: General Requirements for Safety 2003</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F22-18	IFC: 320.2.2	UL 60950-1-14 <i>Information Technology Equipment – Safety Requirements</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
F22-18	IFC: 320.2.2	UL 62368-1-14 <i>Audio/Video, Information and Communication Technology Equipment-Safety Requirements</i>	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.

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.

3.6.3.1.1 Proposed New Standards. 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. If the proposed new standard is not submitted in at least consensus draft form, the code change proposal shall be considered incomplete and shall not be processed. The code change proposal shall be considered at the Committee Action Hearing by the applicable code development committee responsible for the corresponding proposed changes to the code text. If the committee action at the Committee Action Hearing is either As Submitted or As Modified and the standard is not completed, the code change proposal shall automatically be placed on the Public Comment Agenda with recommendation stating that in order for the public comment to be considered, the new standard shall be completed and readily available prior to the Public Comment Hearing. If the committee action at the Committee Action Hearing is Disapproval, further consideration on the Public Comment Agenda shall include a recommendation stating that in order for the public comment to be considered, the new standard shall be completed and readily available prior to the Public Comment Hearing.

3.6.3.1.2 Update of Existing Standards. Code change proposals which include technical revisions to the code text to coordinate with a proposed update of an existing referenced standard shall include the submission of the proposed update to the standard in at least a consensus draft form in accordance with Section 3.4. If the proposed update of the existing standard is not submitted in at least consensus draft form, the code change proposal shall be considered incomplete and shall not be processed. The code change proposal, including the update of the existing referenced standard, shall be considered at the Committee Action Hearing by the applicable code development committee responsible for the corresponding changes to the code text. If the committee action at the Committee Action Hearing is either As Submitted and As Modified and the updated standard is not completed, the code change proposal shall automatically be placed on the Public Comment Agenda with the recommendation stating that in order for the public comment to be considered, the updated standard shall be completed and readily available prior to the Public Comment Hearing. If the committee action at the Committee Action Hearing is Disapproval, further consideration on the Public Comment Agenda shall include a recommendation stating that in order for the public comment to be considered, the updated standard shall be completed and readily available prior to the Public Comment Hearing.

Updating of standards without corresponding code text changes shall be accomplished administratively in accordance with Section 4.6.

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