GROUP A
NEW STANDARDS PROPOSED IN
2024 CODE CHANGE CYCLE
LISTED BY STANDARDS ORGANIZATION
STAFF ANALYSES

March 18, 2024
ADDENDUM 1, MARCH 29, 2024

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 2024 Group A Proposed Changes. The comments relate to portions of the criteria for standards contained in Section 4.6 of CP#28 (*see last page of this document*).

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
AAMA STANDARDS			
FS115-24	***IBC-FS:*** *1404.4.1*	***FMA/AAMA/WDMA 500—16*** *Standard Practice for the Installation of Mounting Flange Windows into Walls Utilizing Foam Plastic Insulating Sheathing (FPIS) with a Separate Water-Resistive Barrier*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
AASHTO STANDARDS			
F72-24	***IFC:*** *D103.4*	***AASHTO - GDHS 7th Edition*** *A Policy on Geometric Design of Highways and Streets*	Portions do not appear to be written in enforceable language. See Sections 2.9.1.1, 2.9.1.3, 3.2.4.4. This is more of a design guide. Does not indicate promulgation by a consensus process. Does not appear to require proprietary materials or agencies.
ABTG STANDARDS			
FS115-24 **FS109-24** **FS114-24**	***IBC-FS:*** *1404.4.1*	***ANSI/ABTG FS200.1—2022*** *Standard for Use of Foam Plastic Insulating Sheathing (FPIS) in Building Envelopes: Above-grade Walls*	Currently referenced in the IBC and the IRC.
ACCA STANDARDS			
RM9-24	***IRC:*** *M1602.1.1*	***ANSI/ACCA 11 Manual Zr—2018*** *Residential Zoning Systems*	Appears to be written in enforceable language. Does not appear to require proprietary materials or agencies.
SP20-24 **SP22-24**	***ISPSC:*** *325.5*	***ANSI/ACCA 10 Manual SPS 2010 (RA 2017)*** *HVAC Design for Swimming Pools and Spas*	Currently referenced in the IMC.
AMCA STANDARDS			
F142-24	***IFC:*** *910.4.3*	***ANSI/AMCA 210-ANSI/ASHRAE 51-16*** *Laboratory Methods of Testing Fans for Aerodynamic Performance Rating*	Currently referenced in the IMC and IRC.
ANSI STANDARDS			
F203-24	***IFC:*** *3107.4.1*	***ANSI ES1.7—21*** *Event Safety Requirements-Weather Prepared*	Currently referenced in the IBC.
M80-24	***IMC:*** *Table 1202.5*	***IAPMO/ANSI/CAN Z1117*** *Standard for Press Connections*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.

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APSP STANDARDS			
SP29-24	***ISPSC:*** *604.2.2*	***ANSI/APSP/ICC-11—2019*** *American National Standard for Water Quality in Public Pools and Spas*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
ASABE STANDARDS			
P162-24, Part I **P162-24, Part II**	***IPC*****:** *G101.2* ***IRC-P*****:** *CI101.2*	***ASABE S626-SEP2016 (R2020)*** *Landscape Irrigation System Uniformity and Application Rate Testing*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
ASHRAE STANDARDS			
RM2-24 **M62-24**	***IRC:*** *M1401.1* ***IMC:*** *1101.1.1*	***ASHRAE 15.2—2022*** *Safety Standard for Refrigeration Systems in Residential Applications*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
M35-24 **M23-24** **M24-24**	***IMC:*** *401.2, 401.2.1, 407, 407.1 408.1.1* ***IBC:*** *1202.1*	***ANSI/ASHRAE/ASHE Standard 170—2021*** *Ventilation of Health Care Facilities*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P66-24	***IPC:*** *602.2.1*	***ASHRAE 514—2023*** *Risk Management for Building Water Systems: Physical, Chemical, and Microbial Hazards*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P66-24	***IPC:****602.2.1*	***ASHRAE 188—2021*** *Legionellosis: Risk Management for Building Water Systems*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
ASME STANDARDS			
P151-24	***IPC:*** *1102.6*	**A112.6.4/CSA B79.4—2022** *Roof, Deck and Balcony Drains*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P43-24	***IPC:*** *414.1*	***A112.6.7/CSA B79.7—2022*** *Sanitary Floor Sinks*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P153-24	***IPC:*** *1107.1*	***A112.6.9/CSA B79.9—2022*** *Siphonic Roof Drains*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
P101-24, Part I	***IPC:*** *708.1.11.2*	***A112.36.2/B79.2—2022*** *Cleanouts*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
ASSE STANDARDS			
P127-24 P128-24 P129-24 P130-24 P135-24 P136-24 P141-24 P134-24	***IPC:*** *907.1, 907.2, 907.3, 908.2, 918.1, 918.3.1, 918.3.2, 918.9*	***ASSE 1030—2016*** *Performance Requirements for Positive Pressure Reduction Devices for Sanitary Drainage Systems*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P83-24 P87-24	***IPC:*** *608.17.1.1*	***ASSE 1032—23*** *Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers, Post Mix Type, and Non-Carbonated Beverage Dispensers*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P90-24	***IPC:*** *608.1*	***ASSE 1053—2019(R2023)*** *Performance Requirements for Dual Check Backflow Preventer Wall Hydrants-Freeze Resistant Type*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P91-24	***IPC:*** *608.17.12*	***ASSE 1057—2012*** *Freeze Resistant Sanitary Yard Hydrant with Backflow Protection*	Appears to be written in enforceable language. Identification of a consensus process is provided in the Forward. Does not appear to require proprietary materials or agencies.
P95-24	***IPC:*** *611.1*	***ASSE 1087—2022*** *Commercial and Food Service Water Treatment Equipment Utilizing Drinking Water*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P92-24	***IPC:*** *608.18.9*	***ASSE 1093-2019/WSC PAS-97—2019(R2023)*** *Performance Requirements for Pitless Adapters, Pitless Units, and Well Caps*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P85-24	***IPC:*** *608.12.1*	***ASSE 1099-2022/WSC-PST—2000/2022*** *Performance Requirements for Pressurized Water Storage Tanks*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P73-24, Part I P73-24, Part II	***IPC:*** *604.8* ***IRC:*** *P2903.3.2*	***ASSE 1103—202X*** *Pilot Operated Water Pressure Reducing Valves for Potable Water*	The Standard was submitted in consensus draft form. Appears to be written in enforceable language. Does not appear to indicate promulgation by a consensus process. Does not appear to require proprietary materials or agencies.
P52-24, Part I, P53-24 Part I, P52-24, Part II	***IPC:*** *501.10* ***IRC:*** *P2805.1*	***ASSE 1379—20XX***	The Standard was submitted in consensus draft form. Appears to be written in enforceable language.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
P53-24, Part II		*Proportional Flow Control Devices with Protection from Cross-Contamination via Hydronic Water for use in Potable Water Installations*	Identification of a consensus process is provided in the Forward. Does not appear to require proprietary materials or agencies.
P106-24	***IPC:*** *717.1*	***ASSE Series Standard 28000—XX*** *Professional Qualifications Standard for Inspectors of CIPP (Cured-in-Place-Pipe) Rehabilitations of building sewer and drain, waste and vent piping systems*	The Standard was submitted in consensus draft form. Appears to be written in enforceable language. Does not appear to indicate promulgation by a consensus process. Does not appear to require proprietary materials or agencies.
ASTM STANDARDS			
M70-24	***IMC:*** *Table 1107.5*	***ASTM A403/A403—19*** *Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings*	Currently referenced in the ISPSC.
M70-24	***IMC:*** *Table 1107.4*	***ASTM A632—19*** *Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing (Small-Diameter) for General Service*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
WUIC46-24	***IWUIC:*** *504.9.1*	***ASTM D638—22*** *Standard Test Method for Tensile Properties of Plastics*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P99-24, Part I **P99-24, Part II**	***IPC:*** *702.2* ***IRC-P****: P3002.1, P3002.1*	***ASTM D2321—20*** *Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications*	Portions do not appear to be written in enforceable language. See Sections 5.2, 5.2.1, 5.2.2, 5.2.5, 6.4.1, 6.4.2, 7.4.1, 7.5.2, 7.6, 7.8 and 7.11. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P117-24, Part II	***IRC:*** *P3012.1*	***ASTM D2561—17 (2023)*** *Standard Test Method for Environmental Stress-Crack Resistance of Blow-Molded Polyethylene Container*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
M79-24	***IMC:*** *Table 1202.5*	***ASTM D2683—2020*** *Standard Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing*	Currently referenced in the IMC, IPC, and IRC.
SP12-24	***ISPSC:*** *307.1.21*	***ASTM D4086—18*** *Standard Practice for Visual Evaluation of Metamerism*	Portions do not appear to be written in enforceable language. See Sections 6.1, 6.2 and 9.1. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
FS111-24	***IBC-FS:*** *1403.14*	***ASTM D7445—24*** *Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding with Foam Plastic Backing (Backed Vinyl Siding)*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies. ASTM D7445—18 has been identified by the proponent as

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			a consensus draft of ASTM D7445-24.
FS112-24	***IBC:*** *1403.15*	***ASTM D8484—23*** *Standard Specification for Plastic Lumber Materials and Wood-Plastic Composite Materials Used as Exterior Wall Coverings*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
WUIC49-24	***IWUIC:*** *504.10*	***ASTM E814—23a*** *Standard Test Method for Fire Tests of Penetration Firestop Systems*	Currently referenced in the IBC, IRC, and the IMC.
E92-24	***IBC:*** *1015.4*	***ASTM E935—00*** *Standard Test Methods for Performance of Permanent Railing Systems and Rails for Buildings*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
E74-24	***IBC-E:*** *1011.7.1*	***ASTM E1331—15(2019)*** *Standard Test Method for Reflectance Factor and Color by Spectrophotometry Using Hemispherical Geometry*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
SP12-24	***ISPSC:*** *307.1*	***ASTM E1347—06(2020)*** *Standard Test Method for Color and Color-Difference Measurement by Tristimulus*	Portions do not appear to be written in enforceable language. See Sections 4.1.2, 4.1.7, 9.3.3 and 12.2.1. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
SP12-24	***ISPSC:*** *307.1.21*	***ASTM E1477—98a (2022)*** *Standard Test Method for Luminous Reflectance Factor of Acoustical Materials by Use of Integrating-Sphere Reflectometers*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
WUIC49-24	***IWUIC:*** *505.10.1*	***ASTM E1966—15 (R2019)*** *Standard Test Method for Fire-Resistive Joint Systems*	Currently referenced in the IBC and the IFC.
FS3-24	***IBC-FS:*** *1403.14*	***ASTM E2032—21*** *Standard Practice for Extension of Data From Fire Resistance Tests Conducted in Accordance with ASTM E 119 (2021)*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
WUIC16-24	***IWUIC:*** *501.4.1*	***ASTM E2652—18*** *Test Method for Assessing Combustibility of Materials Using a Tube Furnace with a Cone-Shaped Airflow Stabilizer, at 750 C, 2022*	Currently referenced in the IBC.
WUIC35-24	***IWUIC:*** *504.5.1*	***ASTM E2707—22*** *Standard Test Method for Determining Fire Penetration of Exterior Wall Assemblies Using a Direct Flame Impingement Exposure*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
FS123-24	***IBC-FS:*** *[BF] 2612.3*	***ASTM E3202—24*** *Standard Practice for Specimen Preparation and Mounting of Plastic Composites for Use as Deck Boards, Stair Treads, Guards or Handrails to Assess Surface Burning Characteristics (2024)*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.

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P116-24 **P117-24, Part I** **P117-24, Part II** **P111-24** **P113-24**	***IPC:*** *718.1, 717.8* ***IRC:*** *P3012.1*	***ASTM F1216—2022*** *Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of Resin-Impregnated Tube 1, 2*	Portions do not appear to be written in enforceable language. See Sections 5.2, 7.7.1, 7.7.2 and 8.4.3. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P117-24, Part I **P117-24, Part II** **P111-24**	***IPC:*** *717.6* ***IRC:*** *P3012.1*	***ASTM F1743—22*** *Standard Practice for Rehabilitation of Existing Pipelines and Conduits by Pulled-in-Place Installation of Cured-in-Place Thermosetting Resin Pipe (CIPP)*	Portions do not appear to be written in enforceable language. See Sections 5.2.1, 5.2.2.2, 5.2.3, 6.1.3, 6.2, 6.3, 6.4.1 and several other locations throughout the document. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P96-24, Part I **P96-24, Part II**	***IPC:*** *Table 702.1* ***IRC-P:*** *Table P3002.1(1)*	***ASTM F1760—16(2020)*** *Standard Specification for Coextruded Poly (Vinyl Chloride) (PVC) Non-Pressure Plastic Having Reprocessed-Recycled Content*	Currently referenced in IRC-Appendix R.
M78-24	***IMC:*** *Table 1202.4*	***ASTM F2165—19*** *Standard Specification for Flexible Pre-Insulated Plastic Piping*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
F280-24	***IFC:*** *Appendix (New) P104.4*	***ASTM F2175—2015*** *Standard Specification for Portable and Permanent Emergency Escape Ladders for Residential Use*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
SP9-24 **SP10-24**	***ISPSC:*** *305.4*	***ASTM F2208—08(2019)*** *Standard Safety Specification for Residential Pool Alarms*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
F204-24	***IFC:*** *3106.3*	***ASTM F2374—22*** *Standard Practice for Design, Manufacture, Operation, and Maintenance of Inflatable Amusement Device*	Currently referenced in the IFC.
P117-24, Part II	***IPC:*** *717.8*	***ASTM F2561—20*** *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*	Currently referenced in the IPC.
P117-24, Part II **P111-24**	***IRC:*** *P3012.1* ***IPC:*** *717.6*	***ASTM F2599—22*** *Standard Practice for Sectional Repair of Damaged Pipe by Means of an Inverted Cured-in Place Liner*	Currently referenced in the IPC.
SP30-24	***ISPSC:*** *202, 612.1.2*	***ASTM F3133—21*** *Standard Practice for Classification, Design, Manufacture, Construction, Maintenance, and Operation of Stationary Wave Systems*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P117-24, Part II	***IPC:*** *717.8* ***IRC:*** *P3012.1*	***ASTM F3240—19(2023)*** *Standard Practice for Installation of Seamless Molded Hydrophilic Gaskets (SMHG) for Long-Term Watertightness of Cured-in-Place Rehabilitation of Main and Lateral Pipelines*	Currently referenced in the IPC.

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M68-24	***IMC:*** *Table 1107.4*	***ASTM F3346—19*** *Standard Specification of Polyethylene of Raised Temperature/Aluminum/Polyethylene of Raised Temperature (PERT/AL/PE-RT) Composite Pressure Pipe*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
RP10-24	***IRC-P:*** *Table P2906.6*	***ASTM F3347—23*** *Standard Specification for Metal Press Insert Fittings For Factory Assembled Stainless Steel Press Sleeve for SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
RP10-24	***IRC-P:*** *Table P2906.6*	***ASTM F3348—23a*** *Standard Specification for Plastic Press Insert Fittings for Factory Assembled Stainless Steel Press Sleeve for SDR9 Crosslinked Polyethylene (PEX Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
F180-24	***IBC:*** *[F] 412.7.4* ***IFC:*** *2007.1*	***ASTM F3423—23*** *Standard Specification for Vertiport Design*	Portions do not appear to be written in enforceable language. See Sections 5.1.1, 5.1.2.2, 6.3 and 6.4.1. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
M69-24	***IMC:*** *Table 1107.4*	***ASTM F3506—21e1*** *Polyethylene of Raised Temperature/Aluminum/Polyethylene of Raised Temperature (PE-RT/AL/PE-RT) Pipe*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P75-24	***IPC:*** *Table 605.5*	***ASTM F3536—22*** *Standard Specification for PE and PP Mechanical Fittings for use on NPS 3 or Smaller Cold-water Service Polyethylene (PEX) Pipe and Tubing*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P116-24 **P113-24** **P106-24** **P111-24**	***IPC:*** *718.1; 202 (NEW) 717.8*	***ASTM F3541—22*** *Standard Practice for Sectional Repair of Existing Gravity Flow, Non-Pressure Pipelines and Conduits by Pushed or Pulled-in-Place Installation of Cured-in-Place Thermosetting Resin Pipe (CIPP)*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
WUIC46-24	***IWUIC:*** *504.9.1*	***ASTM G155—21*** *Practice for Operating Xenon Arc Light Apparatus for Exposure of Nonmetallic Materials*	Currently referenced in the IBC.
FS40-24	***IBC-FS:*** *714.2, 714.2.1*	***ASTM WK70416*** *New Practice for On-Site Identification of Penetration Firestop Systems and Fire-Resistive Joint Systems and Perimeter Fire Barrier*	The Standard was submitted in consensus draft form. Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
M40-24	***IMC:*** *506.3.1*	***ASTM WK70806*** *Standard Practice for On-Site Inspection of Fire Resistive Duct Systems*	The Standard was submitted in consensus draft form. Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.

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S4-24	***IBC:*** *1705.17*	***ASTM WK70807*** *Practice for On-Site Inspection of Installed Board and Wrap Type Fireproofing Materials, Special Inspections*	The Standard was submitted in consensus draft form. Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
S2-24	***IBC-FS:*** *[BF] 1705.15*	***ASTM WK70851*** *New Practice for Standard Practice for the On-Site Inspection of Installed Spray-Applied Fire Resistive Materials*	The Standard was submitted in consensus draft form. Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
S5-24	***IBC****: [BF] 1705.16*	***ASTM WK70852*** *Practice for On-Site Inspection of Installed Intumescent Fire-Resistive Materials*	The Standard was submitted in consensus draft form. Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
SP30-24	***ISPSC:*** *613.1.1*	***ASTM WK75193—XX*** *Standard Practice for Classification, Design, Manufacture, Construction, Maintenance, and Operation of Controlled Surf(ing) Basins*	The Standard was submitted in consensus draft form. Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
		AWC STANDARDS	
FS9-24, FS79-24, FS88-24, FS82-24, FS83-24	***IBC:****704.5.2; 718.2.1; 722.1, TABLE 721.1(2); TABLE 721.1(3)*	***ANSI/AWC FDS 2024*** *Fire Design Specification (FDS) for Wood Construction*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
CALIFORNIA ENERGY COMMISSION (CEC)			
P162-24, Part I **P162-24, Part II**	***IPC:*** *G101.2* ***IRC:*** *CI101*	**(CEC)** *California Energy Commission Modernized Appliance Efficiency Database*	Not a standard but a resource for information. No identification of a consensus process is provided. Does not appear to require proprietary materials or agencies.
CPSC STANDARDS			
F249-24	***IFC:*** *P101.2*	**16-CFR 1500—2009** *CPSC Hazardous Substances and Articles; Administration and Enforcement Regulations*	Currently referenced in the IFC.
F249-24	***IFC:*** *P101.2*	**16-CFR 1507—2002** *CPSC – Firework Devices*	Currently referenced in the IFC.
CSA and CSA AMERICA STANDARDS			
SP18-24	***ISPSC:*** *317.2*	***CSA C22.2 No. 60335-2-40*** *Household and similar electrical appliances – Safety – Part 2 – 40 Particular requirements for electrical heat pumps, air conditioners and dehumidifiers (Binational standard UL 60335-2-40)*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P32-24	***IPC:*** *407.1, 419.1, 421.1, 422.1*	***CSA B45.8-18/IAPMO Z403—2018*** *Terrazzo, concrete, composite stone, and natural stone plumbing*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.

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P32-24	***IPC:*** *407.1, 419.1, 421.1, 422.1*	***CSA B45:11:17/IAPMO Z401—2017*** *Glass Plumbing fixtures*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies
P32-24	***IPC:*** *407.1, 419.1, 421.1, 422.1*	***CSA B45.12-13/IAPMO Z402—2013(R2018)*** *Aluminum and copper plumbing fixtures*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies
P105-24	***IPC:*** *715.2*	***CSA B45.13-19/IAPMO Z1700—2019*** *Vacuum waste collection systems*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies
P76-24	***IPC:*** *605.6*	***CSA B125.5:22/IAPMO Z600—2022*** *Flexible Water Connectors with excess flow shut-off devices*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
US DEPARTMENT OF ENERGY (DOE) STANDARDS			
P162-24, Part I **P162-24, Part II**	***IPC:*** *Table G601* ***IRC:*** *Cl1601.1*	***DOE*** *Compliance Certification Management System (CCMS)*	Not a standard but a resource for information. No language to review. No identification of a consensus process is provided. Does not appear to require proprietary materials or agencies.
SP3-24	***ISPSC:*** *303.1.2*	***10 CFR Part 430*** *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: Pool Heaters*	Federal law. Appears to be written in enforceable language. No identification of a consensus process is provided. Does not appear to require proprietary materials or agencies.
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA)			
P162-24, Part I **P162-24, Part II**	***IPC:*** *Table 1301.2(2)* **IRC:** *Table P3401.2.2*	***40 CFR 141*** *United States Environmental Protection Agency (USEPA) Primary and Secondary Drinking Water Quality Standards*	Federal law. Appears to be written in enforceable language. No identification of a consensus process is provided. Does not appear to require proprietary materials or agencies.
P162-24, Part I **P162-24, Part II**	***IPC:*** *Table G601* ***IRC:*** *Cl1601.1*	***EPA*** *Energy Star Website*	Not a standard but a resource for information. No language to review. No identification of a consensus process is provided. Does not appear to require proprietary materials or agencies.
P162-24, Part I **P162-24, Part II**	***IPC:*** *Table G601* ***IRC:*** *Cl1601.1*	***EPA*** *Energy Star Product Finder Database*	Not a standard but a resource for information. No language to review. No identification of a consensus process is provided. Does not appear to require proprietary materials or agencies.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
P162-24, Part I **P162-24, Part II**	***IPC:*** *Table G601* ***IRC:*** *CI1601.1*	***EPA*** *WaterSense© Specification for Tank-Type Toilets*	Appears to be written in enforceable language. No identification of a consensus process is provided. Does not appear to require proprietary materials or agencies.
DEPARTMENT OF LABOR (DOL)			
M17-24	***IMC:*** *306.5*	**29 CFR Part 1926.1053(b) (1) (2023)** *Ladders*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
DEPARTMENT OF TRANSPORTATION			
F270-24	***IFC****: Table E102.1.8.3*	***49 CFR—20*** *Title 49 Code of Federal Regulations; Part 173.225, Packaging Requirements and Other Provisions for Organic Peroxides*	Currently referenced in the IFC.
F249-24	***IFC:*** *P101.2 (New)*	***49 CFR 100-178—2015*** *Department of Transportation Hazardous Materials Regulation*	Currently referenced in the IFC.
F180-24	***IFC:*** *2007.1, 2007.2,* ***IBC:*** *[F]412.7.1, [F] 412.4*	***Heliport Design*** *FAA Advisory Circular 150/5390-2D—2023*	Portions do not appear to be written in enforceable language. See Applicability in the preface of the document, and Section 2.5.1 and 2.13. Essentially a design guide. Does not indicate promulgation by a consensus process. Does not appear to require proprietary materials or agencies.
F180-24	***IFC:*** *2007.1, 2007.2*	***Vertiport Design*** *FAA Engineering Brief No. 105—2022*	Portions do not appear to be written in enforceable language. See the Purpose and Applications in the preface of the document, and Section 3.2 and 3.3 and 6.1 for additional examples. Essentially a Design Guide. Does not indicate promulgation by a consensus process. Does not appear to require proprietary materials or agencies.
IAPMO STANDARDS			
FS117-24	***IBC-FS:*** *2603.1.1*	***IAPMO/ANSI ES 1000—2020*** *Building Code Compliance Spray-Applied Polyurethane Foam*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
P48-24	***IPC:*** *425.3*	***IAPMO Z124.5—2023e1(R2018)*** *Plastic Toilet Seats*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
P30-24 **G28-24**	***IPC:*** *405.3.4;* *[P] 1210.2.2*	***IAPMO/ANSI/CAN Z124.10—22*** *Water Closets and Urinal Partitions*	Appears to be written in enforceable language. Identification of a consensus process is indicated in the Preface, note 3. Does not

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
			appear to require proprietary materials or agencies.
P156-24	***IPC:*** *1303.10*	***IAPMO Z1002—2020*** *Standard For Rainwater Harvesting Tanks*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
P82-24	***IPC****: 607.3*	***IAPMO Z1088—19e1*** *Pre-Pressurized Water Expansion Tanks*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
M80-24 **P75-24**	***IMC:*** *Table 1202.5* ***IPC:*** *Table 605.5*	***IAPMO/ANSI/CAN Z1117—2022*** *Standard for Press Connections*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
RP11-24	***IRC-P:*** *P2801.5.1*	***IAPMO/ANSI Z1157—2014e1(R2019)*** *Ball Valves*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
P62-24, Part I **P62-24, Part II**	***IPC:*** *504.7.1, 504.7.2* ***IRC:*** *P2801.5.1*	***ANSI/CAN/IAPMO Z1349—2021*** *Devices for Detection, Monitoring or Control of Plumbing Systems*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
E127-24, Part I **P49-24**	***IBC:*** *1110.4* ***IPC:*** *202, 427.1*	***IAPMO Z1390—2014*** *Assistive Tables*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
P148-24	***IPC:*** *1003.4.2*	***IAPMO IGC 183:2016*** *Oil/Water Separators and Coalescing Plate Separators*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Appears to require proprietary materials (See Section 1.6)
P148-24	***IPC:*** *1003.4.2*	***IAPMO IGC 325:2023*** *High Efficiency Oil/Water Separators Performance*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
ICC STANDARDS			
SP29-24	***ISPSC:*** *604.2.2*	***APSP/ICC 11—2019*** *American National Standard for Water Quality in Public Pools and Spas*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
WUIC15-24	***IWUIC:*** *501.3*	***ICC 400—2022*** *Standard Design Construction of Log Structures*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
			require proprietary materials or agencies.
M60-24 Part II **M60-24 Part III** **M60-24, Part I**	***IPC:*** *Table 502.1* ***IRC:*** *Table M2005.1* ***IMC:*** *Table 1002.1*	***ICC 900/SRCC Standard 300—2020*** *Solar Thermal System Standard*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
FS113-24	***IBC-FS:*** *1403.15; 1403.15.1, 1403.15.1.1*	***ICC 1125—XX*** *Standard for Classification of Magnesium Oxide Boards in Building and Construction*	The Standard was submitted in consensus draft form. Appears to be written in enforceable language. Does not appear to indicate promulgation by a consensus process. Does not appear to require proprietary materials or agencies.
ILLUMINATING ENGINEERING SOCIETY			
E34-24	***IBC:*** *1008.2.3.* ***IFC:*** *[BE] 1008.2.3*	***IES/ANSI/IES TM15—20*** *Luminaire Classification Systems for Outdoor Luminaires*	Portions do not appear to be written in enforceable language (3.4 & 4.0 "can be used;" 4.1, 4.2, 4.3 "items of consideration;" did not find any "shall" type language). Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
MSS STANDARDS			
P8-24	***IPC:*** *308.5*	***MSS SP-58—2018*** *Pipe Hangers and Supports-Materials, Design, Manufacture, Selection, Applications, and Installation (ANSI-approved American National Standard) which includes Amendment 1 Issued 10-17-2019*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
NFPA STANDARDS			
F187-24	***IFC:*** *2404.5.6*	***NFPA 33—24*** *Standard for Spray Application Using Flammable or Combustible Materials*	Currently referenced in the IFC.
F187-24	***IFC:*** *2405.1*	***NFPA 34—24*** *Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids*	Currently referenced in the IFC.
F69-24 **F157-24**	***IFC:*** *1103.1.2*	***NFPA 150—22*** *Fire and Life Safety in Animal Housing Facilities Code*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
WUIC27-24 **WUIC28-24**	***IWUIC:*** *202, 504.8, 504.2.1* ***IFC:*** *2201.1*	***NFPA 257—2022*** *Standard on Fire Test for Window and Glass Block Assemblies*	Currently referenced in the IBC.
G24-24	***IBC:*** *[F] 415.11*	***NFPA 318—22*** *Standard for the Protection of Semiconductor Fabrication Facilities*	Currently referenced in the IFC.
F180-24	***IFC:*** *2007.1, 2007.2*	***NFPA 418—24*** *Standard for Heliports and Vertiports*	Currently referenced in the IBC.
F152-24	***IFC:*** *202, 918.3.2.1, 918.4*	***NFPA 715—2023*** *Standard for the Installation of Fuel Gases Detection and Warning Equipment*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
F61-24	***IFC:*** *202, 323.1*	***NFPA 1402—2019*** *Standard on Facilities for Fire Training and Associated Props*	Appears to be written in enforceable language, *except for the Annex sections which are for informational purposes only and not required*. Does not appear to require proprietary materials or agencies. Promulgation by a consensus process stated in preface.
NSF STANDARDS			
P95-24	***IPC:*** *Table 611.1*	***NSF 55—2022*** *Ultraviolet (UV) Water Treatment Systems*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
PSD1	***IPSDC:*** *1101.2*	***NSF/ANSI 245—2023*** *Residential Wastewater Treatment Systems - Nitrogen Reduction*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
PGS MANAGEMENT ORGANIZATION-NETHERLANDS STANDARD			
F270-24	***IFC:*** *202, E102.1.8.1.3, Table E105.1*	***PGS 8—21*** *Organic peroxides: Storage – Guidance for the safe storage of organic peroxides*	Portions do not appear to be written in enforceable language. Preface states the document is a risk-based guideline but not many examples of specific non mandatory language can be found. Does not indicate promulgation by a consensus process. Does not appear to require proprietary materials or agencies
PHTA STANDARDS			
SP23-24	***ISPSC****: 327.1*	***ANSI/PHTA/ICC-2—2023*** *Public pool and spa operations and maintenance*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
SP29-24	***ISPSC:*** *604.2.2*	***APSP/ICC 11—2019*** *American National Standard for Water Quality in Public Pools and Spas*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
RESNET STANDARDS			
P162-24, Part I **P162-24, Part II**	***IPC:*** *G301* ***IRC-P:*** *CI101*	***RESNET/ICC-301—2022*** *Standard for the Calculation and Labeling of the Energy Performance of Dwelling and Sleeping Units using an Energy Rating Index*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P162-24, Part I **P162-24, Part II**	***IPC:*** *G101.2* ***IRC-P:*** *CI101*	***RESNET/ICC 850—2020*** *Calculation and Labeling of the Water Use Performance of One- and Two-Family Dwellings Using the Water Rating Index*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
P162-24, Part I **P162-24, Part II**	***IPC:*** *G101.2* ***IRC-P:*** *CI101*	***RESNET*** *Mortgage Industry Home Energy Rating Systems Standard*	Appears to be written in enforceable language. Does not identify a consensus process of

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
			development. Does not appear to require proprietary materials or agencies.
SMACNA STANDARDS			
M50-24	***IMC:*** *608.1*	***SMACNA HVAC*** *Systems Testing, Adjusting, and Balancing Manual—2002 Third Edition*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
UL STANDARDS			
WUIC27-24 **WUIC28-24**	***IWUIC:*** *504.8, 506.5*	***UL 9—2009*** *Fire Tests of Window Assemblies, with Revisions through March 2021*	Currently referenced in the IBC.
WUIC46-24	***IWUIC:*** *504.91*	***UL 94—2013*** *Safety of Flammability of Plastic Materials for Parts in Devices and Appliances*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
M60-24 Part II **M60-24 Part III** **M60-24, Part I**	***IPC: T****able 502.1* ***IRC:*** *Table M2005.1* ***IMC:*** *Table 1002.1*	***UL 174—2004*** *Household Electric Storage Tank Water Heaters-with Revisions through October 2021*	Currently referenced in the IMC.
M47-24, Part I	***IMC:*** *603.9.1*	***UL 181C—2020*** *Outline of Investigation for Non-metal Joining Accessories for Flexible Air Ducts and Air Connectors*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
WUIC47-24	***IWUIC:*** *504.9.1*	***UL 325—2017*** *Door, Drapery, Gate, Louver and Window Operators and Systems*	Currently referenced in the IBC.
M54-24, Part I	***IMC:*** *Table 1101.2*	***UL 399—2017*** *Drinking-Water Coolers-with revisions through July 2020*	Currently referenced in the IPC.
M60-24 Part II **M60-24 Part III** **M60-24, Part I**	***IPC: T****able 502.1* ***IRC:*** *Table M2005.1* ***IMC:*** *Table 1002.1*	***UL 499—2014*** *Standard for Electric Heating Appliances-with Revisions through February 2017*	Currently referenced in the IMC.
M54-24, Part I	***IMC:*** *908.1, 918.1, 918.2, Table 1101.2; 1101.2.1*	***UL 541—2016*** *Refrigerated Vending Machines (with revisions through November 19, 2020*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
M54-24, Part I	***IMC:*** *Table 1101.2*	***UL 563—2016*** *Ice Makers*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
M60-24 Part II **M60-24 Part III** **M60-24, Part I**	***IPC: T****able 502.1* ***IRC:*** *Table M2005.1* ***IMC:*** *Table 1002.1*	***UL 732—2018*** *Oil-fired Storage Tank Water Heaters-with Revisions through August 2018*	Currently referenced in the IMC.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
F118-24	***IFC:*** *904.15.1.2*	***UL 858—2014*** *Household Electric Ranges – with revisions through August 2023*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
F62-24	***IFC:*** *323.3*	***UL 962—2022*** *Household and Commercial Furnishings*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
M53-24	***IMC:*** *Table 905.1*	***UL 1390—2024*** *Solid-Fuel Fireplace Inserts and Hearth-Mounted Stoves for Installation into Masonry Fireplaces*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
M53-24	***IMC:*** *Table 905.1*	***UL 1391—2024*** *Solid-Fuel Space Heaters for Installation into Factory-Built Fireplaces*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
M60-24 Part II **M60-24 Part III** **M60-24, Part I**	***IPC: T****able 502.1* ***IRC:*** *Table M2005.1* ***IMC:*** *Table 1002.1*	***UL 1453—2016*** *Electric Booster and Commercial Storage Tank Water Heaters-with Revisions through May 2018*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
F152-24	***IFC:*** *918.3.1.2*	***UL 1484—2002*** *Residential Gas Detectors*	Appears to be written in enforceable language. Identification of a consensus process is provided in the preface. Does not appear to require proprietary materials or agencies.
F59-24	***IFC:*** *322.6*	***UL 1487—-2024*** *Battery Containment Enclosures*	Appears to be written in enforceable language. Identification of a consensus process is not provided. Does not appear to require proprietary materials or agencies.
M44-24, Part I	***IMC:*** *513.1* ***IRC-M:*** *M1905.1*	***UL 1812—2013*** *Ducted Heat Recovery Ventilators-with revision through May 2022*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
M44-24, Part I	***IMC:*** *513.1* ***IRC-M:*** *M1905.1*	***UL 1815—2012*** *Nonducted Heat Recovery Ventilators-with revisions through December 2021*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
F83-24	***IFC:*** *607.6.2*	***UL 1889—1996*** *Commercial filters for Cooking Oil – with revisions through September 2018*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. ~~Identification of a consensus process is not provided.~~ Does not appear to require proprietary materials or agencies.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
F84-24	***IFC:*** *608.18.4; 2311.5*	***UL 1963—2011*** *Refrigerant Recovery/Recycling Equipment – revisions through March 2021*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. ~~Identification of a consensus process is not provided.~~ Does not appear to require proprietary materials or agencies.
F115-24	***IFC:*** *904.2.2, 904.14* ***IBC****: 904.2.2, 904.14*	***UL 2162—2014*** *Commercial Wood-Fired Baking Ovens – Refractory Type – with Revisions through August 2019*	Currently referenced in the IMC.
P149-24	***IPC:*** *1003.4.2*	***UL 2215—19*** *Outline of Investigation for Oil/Water Separators*	Appears to be written in enforceable language. Does not identify a consensus process was used for development. Does not appear to require proprietary materials or agencies.
M48-24	***IMC:*** *603.17*	***UL 2518—2023*** *Air dispersion systems-recognizing negative pressure*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
M60-24 Part II **M60-24 Part III** **M60-24, Part I**	***IPC: T****able 502.1* ***IRC:*** *Table M2005.1* ***IMC:*** *Table 1002.1*	***UL 2523—2009*** *Solid Fuel-fired Hydronic Heating Appliances, Water Heaters, and Boilers-with Revisions through March 2018*	Currently referenced in the IMC.
F58-24	***IFC:*** *322.6.4*	***UL 2595—2015*** *General Requirements for Battery-Powered Appliances*	Appears to be written in enforceable language. Identification of a consensus process is provided preface. Does not appear to require proprietary materials or agencies.
F81-24	***IFC:*** *603.5.1.1*	***UL 2930—2023*** *Cord-and-Plug-Connected Health Care Facility Outlet Assemblies*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. ~~Identification of a consensus process is not provided.~~ Does not appear to require proprietary materials or agencies.
F176-24	***IFC:*** *1208.2*	***UL 2743—2023*** *Portable Power Packs*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. ~~Identification of a consensus process is not provided.~~ Does not appear to require proprietary materials or agencies.
F58-24	***IFC:*** *322.6.2*	***UL 3100—2021*** *Automated Mobile Platforms*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
F172-24	***IFC:*** *1207.3.2.1*	***UL 3202—2024*** *Outline of Investigation for EV Charging Equipment Utilizing ESS*	Appears to be written in enforceable language. Identification of a consensus process is not provided. Does not appear to require proprietary materials or agencies.
F58-24	***IFC:*** *322.6.3*	***UL 3300—2020***	Appears to be written in enforceable language. Identification of a consensus process is not provided.

CODE CHANGE NUMBER	CODE SECTION(S)	STANDARD	STAFF COMMENTS
		Outline of Investigation for Service, Communication, Information, Education and Entertainment Robots	Does not appear to require proprietary materials or agencies.
M15-24	***IMC:*** *202 New, 917.3*	***UL 3320—2023*** *Outline of Investigation for Robotic Commercial Kitchen Equipment*	Appears to be written in enforceable language. Identification of a consensus process is not provided. Does not appear to require proprietary materials or agencies.
F57-24 **F60-24**	***IFC:*** *322.6.2*	***UL 4900—2023*** *Outline of Investigation for Micromobility Charging Equipment*	Appears to be written in enforceable language. Identification of a consensus process is not provided. Does not appear to require proprietary materials or agencies.
F178-24	***IFC:*** *2003.8*	***UL 5840—2022*** *Electrical Systems of Battery Powered Aviation Ground Support Equipment*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. ~~Identification of a consensus process is not provided.~~ Does not appear to require proprietary materials or agencies.
F175-24	***IFC:*** *1208.2*	***UL 9741—2023*** *Electrical Vehicle Power Export Equipment (EVPE)*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. ~~Identification of a consensus process is not provided.~~ Does not appear to require proprietary materials or agencies.
M54-24, Part I	***IMC:*** *Table 1101.2*	***UL 60335-2-24—2022*** *Household and Similar Electrical Appliances – Safety – Part 2-24; Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
M60-24 Part II **M60-24 Part III** **M60-24, Part I**	***IPC:*** *Table 502.1* ***IRC:*** *Table M2005.1* ***IMC:*** *Table 1002.1*	***UL 60335-2-40—2022*** *Household and Similar Electrical Appliances-Safety-Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
ULC STANDARDS			
FS102-24	***IBC-FS:*** *1402.5*	***CAN/ULC-S134—13*** *Standard Method of Fire Test of Exterior Wall Assemblies*	Appears to be written in enforceable language. Identification of a consensus process is provided on the cover. Does not appear to require proprietary materials or agencies.
USGS STANDARDS			
P162-24, Part I **Part 162-24, Part II**	***IPC:*** *Table G601* ***IRC:*** *CI1601.1*	*US Geological Survey Concentrations of Hardness as Calcium Carbonate Map*	Not a standard but a resource for information. No language to review. No identification of a consensus process is provided. Does not appear to require proprietary materials or agencies.

4.6 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:

4.6.1 Code References:

4.6.1.1 The standard, including title and date, and the manner in which it is to be utilized shall

be specifically referenced in the Code text.

4.6.1.2 The need for the standard to be referenced shall be established.

4.6.2 Standard Content:

4.6.2.1 A standard or portions of a standard intended to be enforced shall be written in mandatory language.

4.6.2.2 The standard shall be appropriate for the subject covered.

4.6.2.3 All terms shall be defined when they deviate from an ordinarily accepted meaning or a dictionary definition.

4.6.2.4 The scope or application of a standard shall be clearly described.

4.6.2.5 The standard shall not have the effect of requiring proprietary materials.

4.6.2.6 The standard shall not prescribe a proprietary agency for quality control or testing.

4.6.2.7 The test standard shall describe, in detail, preparation of the test sample, sample selection or both.

4.6.2.8 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.

4.6.2.9 The measure of performance for which the test is conducted shall be clearly defined in either the test standard or in Code text.

4.6.2.10 The standard shall not state that its provisions shall govern whenever the referenced standard is in conflict with the requirements of the referencing Code.

4.6.2.11 The preface to the standard shall announce that the standard is promulgated according to a consensus procedure.

4.6.3 New and Updated Standards with Text Revisions:

4.6.3.1 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.

4.6.3.1.1 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 4.4. 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 First Committee Action Hearing (CAH #1) by the applicable Committee responsible for the corresponding proposed changes to the code text.

If the Committee action at the Second Committee Action Hearing (CAH #2) 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 Second Committee Action Hearing (CAH #2) is Disapproval, further consideration on the Public Comment Agenda shall state 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.

4.6.3.1.2 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 4.4. 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 First Committee Action Hearing (CAH #1) by the applicable Committee responsible for the corresponding changes to the code text.

If the Committee action at the Second Committee Action Hearing (CAH #2) 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 Second Committee Action Hearing (CAH #2) is Disapproval, further consideration on the Public Comment Agenda shall state 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. See Section 10.5.6.1 for availability of updated standards at the Public Comment Hearing.

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

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