

CHAPTER 35

REFERENCED STANDARDS

User note:

About this chapter: The International Building Code® contains numerous references to standards promulgated by other organizations that are used to provide requirements for materials and methods of construction. This chapter contains a comprehensive list of all standards that are referenced in this code. These standards, in essence, are part of this code to the extent of the reference to the standard.

This chapter lists the standards that are referenced in various sections of this document. The standards are listed herein by the promulgating agency of the standard, the standard identification, the effective date and title, and the section or sections of this document that reference the standard. The application of the referenced standards shall be as specified in Section 102.4.

AA

Aluminum Association
1400 Crystal Drive, Suite 430
Arlington, VA 22202

ADM—2015: Aluminum Design Manual: Part 1—A Specification for Aluminum Structures
1604.3.5, 2002.1

ASM 35—00: Aluminum Sheet Metal Work in Building Construction (Fourth Edition)
2002.1

AAMA

American Architectural Manufacturers Association
1827 Waldon Office Square, Suite 550
Schaumburg, IL 60173

711—13: Voluntary Specification for Self Adhering Flashing Used for Installation of Exterior Wall Fenestration Products
1404.4

714—15: Voluntary Specification for Liquid Applied Flashing Used to Create a Water-resistive Seal around Exterior Wall Openings in Buildings
1404.4

1402—09: Standard Specifications for Aluminum Siding, Soffit and Fascia
1403.5.1

AAMA/WDMA/CSA 101/I.S.2/A440—17: North American Fenestration Standard/Specifications for Windows, Doors and Skylights
1709.5.1, 2405.5

ACI

American Concrete Institute
38800 Country Club Drive
Farmington Hills, MI 48331

216.1—14: Code Requirements for Determining Fire Resistance of Concrete and Masonry Construction Assemblies
Table 721.1(2), 722.1

318—14: Building Code Requirements for Structural Concrete
722.2.4.3, 1604.3.2, 1616.2.1, 1616.3.1, 1704.5, Table 1705.3, 1705.3.2, 1808.8.2, Table 1808.8.2, 1808.8.5, 1808.8.6, 1810.1.3, 1810.2.4.1, 1810.3.2.1.1, 1810.3.2.1.2, 1810.3.8.3.1, 1810.3.8.3.3, 1810.3.9.4.2.1, 1810.3.9.4.2.2, 1810.3.10.1, 1810.3.11.1, 1810.3.12, 1901.2, 1901.3, 1902.1, 1903.1, 1904.1, 1904.2, 1905.1, 1905.1.1, 1905.1.2, 1905.1.3, 1905.1.4, 1905.1.5, 1905.1.6, 1905.1.7, 1905.1.8, 1906.1, 2108.3, 2206.1

AISC

American Institute of Steel
130 East Randolph Street, Suite 2000
Chicago, IL 60601-6219

- ANSI/AISC 341—16: Seismic Provisions for Structural Steel Buildings**
1705.12.1.1, 1705.12.1.2, 1705.13.1.1, 1705.13.1.2, 2205.2.1.1, 2205.2.1.2, 2205.2.2, 2206.2.1
- ANSI/AISC 360—16: Specification for Structural Steel Buildings**
722.5.2.2.1, 1604.3.3, 1705.2.1, 2202.1, 2203.1, 2205.1, 2205.2.1.1, 2206.1

AISI

American Iron and Steel Institute
25 Massachusetts Avenue, NW Suite 800
Washington, DC 20001

- AISI S100—16: North American Specification for the Design of Cold-formed Steel Structural Members, 2016**
1604.3.3, 1905.1.8, 2202.1, 2203.1, 2210.1, 2210.2
- AISI S202—15: Code of Standard Practice for Cold-formed Steel Framing, 2015**
2211.1.3.1
- AISI S220—15: North American Standard for Cold-formed Steel Framing—Nonstructural Members, 2015**
2202.1, 2203.1, 2211.2, Table 2506.2, Table 2507.2
- AISI S230—15: Standard for Cold-formed Steel Framing—Prescriptive Method for One- and Two-family Dwellings, 2015**
1609.1.1, 1609.1.1.1, 2211.1.2
- AISI S240—15: North American Standard for Cold-Formed Steel Structuring Framing, 2015**
1705.2.2.2, 2202.1, 2203.1, 2211.1, 2211.1.1.1, 2211.1.3.3, Table 2306.12.2, Table 2506.2, Table 2507.2, Table 2603.12.1
- AISI S400—15/S1—16: North American Standard for Seismic Design of Cold-formed Steel Structural Systems, 2015, with Supplement 1, dated 2016.**
2210.2, 2211.1.1.1, 2211.1.1.2

ALI

Automotive Lift Institute, Inc.
P.O. Box 85
Cortland, NY 13045

- ALI ALCTV—2017: Standard for Automotive Lifts—Safety Requirements for Construction, Testing and Validation (ANSI)**
Table 3001.3

AMCA

Air Movement and Control Association International
30 West University Drive
Arlington Heights, IL 60004

- 540—13: Test Method for Louvers Impacted by Wind Borne Debris**
1609.2.1

ANSI

American National Standards Institute
25 West 43rd Street, Fourth Floor
New York, NY 10036

- A13.1—2015: Scheme for the Identification of Piping Systems**
415.11.6.5
- A108.1A—16: Installation of Ceramic Tile in the Wet-set Method, with Portland Cement Mortar**
2103.2.3
- A108.1B—99: Installation of Ceramic Tile, Quarry Tile on a Cured Portland Cement Mortar Setting Bed with Dry-set or Latex-Portland Mortar**
2103.2.3

ANSI—continued

- A108.4—99: Installation of Ceramic Tile with Organic Adhesives or Water-cleanable Tile-setting Epoxy Adhesive**
2103.2.3.6
- A108.5—99: Installation of Ceramic Tile with Dry-set Portland Cement Mortar or Latex-Portland Cement Mortar**
2103.2.3.1, 2103.2.3.2
- A108.6—99: Installation of Ceramic Tile with Chemical-resistant, Water Cleanable Tile-setting and -grouting Epoxy**
2103.2.3.3
- A108.8—99: Installation of Ceramic Tile with Chemical-resistant Furan Resin Mortar and Grout**
2103.2.3.4
- A108.9—99: Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout**
2103.2.3.5
- A108.10—99: Installation of Grout in Tilework**
2103.2.3.7
- A118.1—16: American National Standard Specifications for Dry-set Portland Cement Mortar**
2103.2.3.1
- A118.3—13: American National Standard Specifications for Chemical-resistant, Water-cleanable Tile-setting and -grouting Epoxy and Water Cleanable Tile-setting Epoxy Adhesive**
2103.2.3.3
- A118.4—16: American National Standard Specifications for Modified Dry-set Cement Mortar**
2103.2.3.2, 2103.2.4
- A118.5—99: American National Standard Specifications for Chemical Resistant Furan Mortar and Grouts for Tile Installation**
2103.2.3.4
- A118.6—10: American National Standard Specifications for Cement Grouts for Tile Installation**
2103.2.3.7
- A118.8—99: American National Standard Specifications for Modified Epoxy Emulsion Mortar/Grout**
2103.2.3.5
- A136.1—08: American National Standard Specifications for the Installation of Ceramic Tile**
2103.2.3.6
- A137.1—17: American National Standard Specifications for Ceramic Tile**
202
- Z 97.1—14: Safety Glazing Materials Used in Buildings—Safety Performance Specifications and Methods of Test**
2406.1.2, 2406.2, Table 2406.2(2), 2406.3.1, 2407.1, 2407.1.4.1, 2408.2.1, 2408.3, 2409.2, 2409.3, 2409.4.1

APA

APA - Engineered Wood Association
7011 South 19th Street
Tacoma, WA 98466

- ANSI 117—15: Standard Specification for Structural Glued Laminated Timber of Softwood Species**
2306.1
- ANSI/APA A190.1—17: Structural Glued Laminated Timber**
2303.1.3, 2306.1
- ANSI/APA PRP 210—14: Standard for Performance-Rated Engineered Wood Siding**
2303.1.5, 2304.7, 2306.3, Table 2306.3(1)
- ANSI/APA PRR 410—16: Standard for Performance-Rated Engineered Wood Rim Boards**
2303.1.13
- APA PDS—12: Panel Design Specification**
2306.1
- APA PDS Supplement 1—12: Design and Fabrication of Plywood Curved Panels (revised 2013)**
2306.1
- APA PDS Supplement 2—12: Design and Fabrication of Plywood-lumber Beams (revised 2013)**
2306.1
- APA PDS Supplement 3—12: Design and Fabrication of Plywood Stressed-skin Panels (revised 2013)**
2306.1

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APA—continued

APA PDS Supplement 4—12: Design and Fabrication of Plywood Sandwich Panels (revised 2013)
2306.1

APA PDS Supplement 5—16: Design and Fabrication of All-plywood Beams (revised 2013)
2306.1

ANSI/APA PRG 320—((47)) 18: Standard for Performance-rated Cross-laminated Timber
2303.1.4, 602.4

APA R540—13: Builders Tips: Proper Storage and Handling of Glulam Beams
2306.1

APA S475—16: Glued Laminated Beam Design Tables
2306.1

APA S560—14: Field Notching and Drilling of Glued Laminated Timber Beams
2306.1

APA T300—16: Glulam Connection Details
2306.1

APA X440—17: Product Guide: Glulam
2306.1

APA X450—01: Glulam in Residential Construction—Western Edition
2306.1

ASABE

American Society of Agricultural and Biological Engineers
2950 Niles Road
St. Joseph, MI 49085

EP 484.3 MON2016: Diaphragm Design of Metal-clad, Wood-frame Rectangular Buildings
2306.1

EP 486.2 OCT 2012ED: Shallow-post and Pier Foundation Design
2306.1

EP 559.1 w/Corr. 1 Aug. 2010 (R2014): Design Requirements and Bending Properties for Mechanically Laminated Wood Assemblies
2306.1

ASCE/SEI

American Society of Civil Engineers
Structural Engineering Institute
1801 Alexander Bell Drive
Reston, VA 20191-4400

7—16: Minimum Design Loads and Associated Criteria for Buildings and Other Structures with supplement No. 1
202, Table 1504.1.1, Table 1504.8, 1602.1, 1604.3, Table 1604.3, 1604.5, Table 1604.5, 1604.8.2, 1604.9, 1605.1, 1605.2.1, 1605.3.1, 1605.3.1.2, 1605.3.2, 1605.3.2.1, 1607.8.1, 1607.8.1.1, 1607.8.1.2, 1607.9, 1607.13.1, 1607.13.3.1, 1608.1, 1608.2, 1608.3, 1609.1.1, 1609.2, 1609.3, 1609.5.1, 1609.5.3, 1611.2, 1612.2, 1613.1, 1613.2.2, 1613.2.3, 1613.2.5, Table 1613.2.3(1), Table 1613.2.3(2), 1613.2.5.1, 1613.2.5.2, 1613.3, 1614.1, 1615.1, 1705.12, 1705.12.1.1, 1705.12.1.2, 1705.12.4, 1705.13.1.1, 1705.13.1.2, 1705.13.2, 1705.13.3, 1705.13.4, 1709.5, 1803.5.12, 1808.3.1, 1809.13, 1810.3.6.1, 1810.3.8.3.2, 1810.3.8.3.3, 1810.3.9.4, 1810.3.11.2, 1810.3.12, 1901.2, 1905.1.1, 1905.1.2, 1905.1.7, 1905.1.8, 2205.2.1.1, 2205.2.1.2, 2205.2.2, 2206.2.1, 2209.1, 2209.2, 2210.2, 2211.1.1.1, Table 2304.6.1, Table 2306.3(3), Table 2308.7.5, 2404.1, 2505.1, 2505.2, 2506.2.1

8—02: Standard Specification for the Design of Cold-formed Stainless Steel Structural Members
1604.3.3, 2210.1, 2210.2

19—16: Structural Applications of Steel Cables for Buildings
2208.1

24—14: Flood Resistant Design and Construction
1202.4.2, 1202.4.4, 1612.4, 1612.5, 2702.1.8, 3001.3

29—05: Standard Calculation Methods for Structural Fire Protection
722.1

- 32—01: Design and Construction of Frost Protected Shallow Foundations**
1809.5
- 49—12: Wind Tunnel Testing for Buildings and Other Structures**
1609.1.1
- 55—16: Tensile Membrane Structures**
3102.2

ASME

American Society of Mechanical Engineers
Two Park Avenue
New York, NY 10016-5990

- ASME/A17.1—2016/CSA B44—16: Safety Code for Elevators and Escalators**
907.3.3, 911.1.6, 1009.4.1, 1607.10.1, 3001.2, Table 3001.3, 3001.4, 3001.5, 3002.5, 3003.2, 3007.1,
3008.1.4, 3008.7.1
- A17.7—2007/CSA B44—07(R2012): Performance-based Safety Code for Elevators and Escalators**
Table 3001.3, 3001.5, 3002.5
- A18.1—2014: Safety Standard for Platform Lifts and Stairway Chairlifts**
1109.8, Table 3001.3
- A90.1—2015: Safety Standard for Belt Manlifts**
Table 3001.3
- B16.18—2012: Cast Copper Alloy Solder Joint Pressure Fittings**
909.13.1
- B16.22—2013: Wrought Copper and Copper Alloy Solder Joint Pressure Fittings**
909.13.1
- B20.1—2015: Safety Standard for Conveyors and Related Equipment**
Table 3001.3, 3004.3
- B31.3—2016: Process Piping**
415.11.6

ASSE

American Society of Safety Engineers
520 N. Northwest Highway
Park Ridge, IL 60068

- ANSI/ASSE Z359.1—2016: Requirements for the ANSI/ASSE Z359 Fall Protection Code**
1015.6, 1015.7

ASTM

ASTM International
100 Barr Harbor Drive, P.O. Box C700
West Conshohocken, PA 19428-2959

- A6/A6M—14: Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes and Sheet Piling**
1810.3.2.3, 1810.3.5.3.1, 1810.3.5.3.3
- A36/A36M—14: Specification for Carbon Structural Steel**
1810.3.2.3
- A153/A153M—09: Specification for Zinc Coating (Hot-dip) on Iron and Steel Hardware**
2304.10.5
- A240/A240M—15a: Standard Specification for Chromium and Chromium-nickel Stainless Steel Plate, Sheet and Strip for Pressure Vessels and for General Applications**
Table 1507.4.3(1)
- A252—10: Specification for Welded and Seamless Steel Pipe Piles**
1810.3.2.3
- A283/A283M—13: Specification for Low and Intermediate Tensile Strength Carbon Steel Plates**
1810.3.2.3

REFERENCED STANDARDS

ASTM—continued

- A416/A416M—15: Specification for Steel Strand, Uncoated Seven-wire for Prestressed Concrete**
1810.3.2.2
- A463/A463M—15: Standard Specification for Steel Sheet, Aluminum-coated, by the Hot-dip Process**
Table 1507.4.3(2)
- A572/A572M—15: Specification for High-strength Low-alloy Columbium-Vanadium Structural Steel**
1810.3.2.3
- A588/A588M—15: Specification for High-strength Low-alloy Structural Steel with 50 ksi (345 MPa) Minimum Yield Point with Atmospheric Corrosion Resistance**
1810.3.2.3
- A615/A615M—15ae1: Specification for Deformed and Plain Carbon-steel Bars for Concrete Reinforcement**
1704.5, 1810.3.10.2
- A653/A653M—15: Specification for Steel Sheet, Zinc-coated Galvanized or Zinc-iron Alloy-coated Galvannealed by the Hot-dip Process**
Table 1507.4.3(1), Table 1507.4.3(2), 2304.10.5.1
- A690/A690M—13a: Standard Specification for High-strength Low-alloy Nickel, Copper, Phosphorus Steel H-piles and Sheet Piling with Atmospheric Corrosion Resistance for Use in Marine Environments**
1810.3.2.3
- A706/A706M—15: Specification for Low-alloy Steel Deformed and Plain Bars for Concrete Reinforcement**
1704.5, Table 1705.3, 2107.3, 2108.3
- A722/A722M—15: Specification for High-strength Steel Bars for Prestressed Concrete**
1810.3.10.2
- A755/A755M—15: Specification for Steel Sheet, Metallic-coated by the Hot-dip Process and Prepainted by the Coil-coating Process for Exterior Exposed Building Products**
Table 1507.4.3(1), Table 1507.4.3(2)
- A792/A792M—10(2015): Specification for Steel Sheet, 55% Aluminum-zinc Alloy-coated by the Hot-dip Process**
Table 1507.4.3(1), Table 1507.4.3(2)
- A875/A875M—13: Standard Specification for Steel Sheet, Zinc-5%, Aluminum Alloy-coated by the Hot-dip Process**
Table 1507.4.3(2)
- A924/A924M—14: Standard Specification for General Requirements for Steel Sheet, Metallic-coated by the Hot-dip Process**
Table 1507.4.3(1)
- B42—2015A: Specification for Seamless Copper Pipe, Standard Sizes**
909.13.1
- B43—15: Specification for Seamless Red Brass Pipe, Standard Sizes**
909.13.1
- B68/B68M—11: Specification for Seamless Copper Tube, Bright Annealed (Metric)**
909.13.1
- B88—14: Specification for Seamless Copper Water Tube**
909.13.1
- B101—12: Specification for Lead-coated Copper Sheet and Strip for Building Construction**
1403.5.3, Table 1507.2.8.2, Table 1507.4.3(1)
- B209—14: Specification for Aluminum and Aluminum Alloy Steel and Plate**
Table 1507.4.3(1)
- B251—10: Specification for General Requirements for Wrought Seamless Copper and Copper-alloy Tube**
909.13.1
- B280—13: Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service**
909.13.1
- B370—12: Specification for Copper Sheet and Strip for Building Construction**
1403.5.2, Table 1507.2.8.2, Table 1507.4.3(1)
- B695—04(2009): Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel Strip for Building Construction**
2304.10.5.1, 2304.10.5.3
- C5—10: Specification for Quicklime for Structural Purposes**
Table 2507.2

ASTM—continued

- C22/C22M—00(2015): Specification for Gypsum**
Table 2506.2
- C27—98(2013): Specification for Classification of Fireclay and High-alumina Refractory Brick**
2111.6
- C28/C28M—10(2015): Specification for Gypsum Plasters**
Table 2507.2
- C31/C31M—15: Practice for Making and Curing Concrete Test Specimens in the Field**
Table 1705.3
- C33/C33M—13: Specification for Concrete Aggregates**
722.3.1.4, 722.4.1.1.3
- C35/C35—01(2014): Specification for Inorganic Aggregates for Use in Gypsum Plaster**
Table 2507.2
- C55—2014a: Specification for Concrete Building Brick**
Table 722.3.2
- C59/C59M—00(2015): Specification for Gypsum Casting Plaster and Molding Plaster**
Table 2507.2
- C61/C61M—00(2015): Specification for Gypsum Keene’s Cement**
Table 2507.2
- C62—13a: Standard Specification for Building Brick (Solid Masonry Units Made from Clay or Shale)**
1807.1.6.3
- C67—14: Test Methods of Sampling and Testing Brick and Structural Clay Tile**
722.4.1.1.1, 2109.2.1.1
- C73—14: Specification for Calcium Silicate Brick (Sand-lime Brick)**
Table 722.3.2
- C90—14: Specification for Loadbearing Concrete Masonry Units**
Table 722.3.2, 1807.1.6.3, 2114.3
- C91/C91M—12: Specification for Masonry Cement**
Table 2507.2
- C94/C94M—15a: Specification for Ready-mixed Concrete**
110.3.1
- C140/C140M—15: Test Method Sampling and Testing Concrete Masonry Units and Related Units**
722.3.1.2
- C150/C150M—15: Specification for Portland Cement**
1903.1, Table 2507.2
- C172/C172M—14a: Practice for Sampling Freshly Mixed Concrete**
Table 1705.3
- C199—84(2011): Test Method for Pier Test for Refractory Mortars**
2111.6, 2111.9, 2113.12
- C206—14: Specification for Finishing Hydrated Lime**
Table 2507.2
- C208—12: Specification for Cellulosic Fiber Insulating Board**
Table 1508.2, 2303.1.6
- C216—15: Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale)**
Table 721.1(2), 1807.1.6.3
- C270—14a: Specification for Mortar for Unit Masonry**
2103.2.4
- C315—07(2011): Specification for Clay Flue Liners and Chimney Pots**
2111.9, 2113.11.1, Table 2113.16(1)
- C317/C317M—00(2015): Specification for Gypsum Concrete**
2514.1
- C330/C330M—14: Specification for Lightweight Aggregates for Structural Concrete**
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ASTM—continued

- C331/C331M—14: Specification for Lightweight Aggregates for Concrete Masonry Units**
722.3.1.4, 722.4.1.1.3
- C406/C406M—15: Specification for Roofing Slate**
1507.7.5
- C472—99(2014): Standard Test Methods for Physical Testing of Gypsum, Gypsum Plasters and Gypsum Concrete**
Table 2506.2
- C473—15: Test Methods for Physical Testing of Gypsum Panel Products**
Table 2506.2
- C474—15: Test Methods for Joint Treatment Materials for Gypsum Board Construction**
Table 2506.2
- C475/C475M—15: Specification for Joint Compound and Joint Tape for Finishing Gypsum Board**
Table 2506.2
- C514—04(2014): Specification for Nails for the Application of Gypsum Board**
Table 721.1(2), Table 721.1(3), Table 2506.2
- C516—08(2014)e1: Specifications for Vermiculite Loose Fill Thermal Insulation**
722.3.1.4, 722.4.1.1.3
- C547—15: Specification for Mineral Fiber Pipe Insulation**
Table 721.1(2), Table 721.1(3)
- C549—06(2012): Specification for Perlite Loose Fill Insulation**
722.3.1.4, 722.4.1.1.3
- C552—15: Standard Specification for Cellular Glass Thermal Insulation**
Table 1508.2
- C557—03(2009)e01: Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing**
Table 2506.2, 2508.4
- C578—15: Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation**
Table 1508.2, 2603.10, Table 2603.12.1, Table 2603.12.2, Table 2603.13.1, Table 2603.13.2
- C587—04(2014): Specification for Gypsum Veneer Plaster**
Table 2507.2
- C595/C595M—14e1: Specification for Blended Hydraulic Cements**
1903.1, Table 2507.2
- C631—09(2014): Specification for Bonding Compounds for Interior Gypsum Plastering**
Table 2507.2
- C635/C635M—13a: Specification for the Manufacture, Performance and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings**
801.1.1.1, 2506.2.1
- C636/C636M—13: Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels**
808.1.1.1
- C652—15: Specification for Hollow Brick (Hollow Masonry Units Made from Clay or Shale)**
1807.1.6.3
- C726—12: Standard Specification for Mineral Wool Roof Insulation Board**
Table 1508.2
- C728—15: Standard Specification for Perlite Thermal Insulation Board**
Table 1508.2
- C744—14: Specification for Prefaced Concrete and Calcium Silicate Masonry Units**
Table 722.3.2
- C754—15: Specification for Installation of Steel Framing Members to Receive Screw-attached Gypsum Panel Products**
Table 2508.1, Table 2511.1.1
- C836/C836M—15: Specification for High-solids Content, Cold Liquid-applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course**
1507.15.2
- C840—13: Specification for Application and Finishing of Gypsum Board**
Table 2508.1, 2509.2

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- C841—03(2013): Specification for Installation of Interior Lathing and Furring**
Table 2508.1, Table 2511.1.1
- C842—05(2015): Specification for Application of Interior Gypsum Plaster**
Table 2511.1.1, 2511.3, 2511.4
- C843—99(2012): Specification for Application of Gypsum Veneer Plaster**
Table 2511.1.1
- C844—2015: Specification for Application of Gypsum Base to Receive Gypsum Veneer Plaster**
Table 2508.1
- C847—14a: Specification for Metal Lath**
Table 2507.2
- C887—13: Specification for Packaged, Dry Combined Materials for Surface Bonding Mortar**
1805.2.2, 2103.2.2
- C897—15: Specification for Aggregate for Job-mixed Portland Cement-based Plaster**
Table 2507.2
- C920—14a: Standard for Specification for Elastomeric Joint Sealants**
Table 2506.2
- C926—15b: Specification for Application of Portland Cement-based Plaster**
2109.2.4.8, 2510.3, Table 2511.1.1, 2511.3, 2511.4, 2512.1, 2512.1.2, 2512.2, 2512.6, 2512.8.2, 2512.9, 2513.7
- C932—06(2013): Specification for Surface-applied Bonding Compounds for Exterior Plastering**
Table 2507.2
- C933—14: Specification for Welded Wire Lath**
Table 2507.2
- C946—10: Specification for Construction of Dry-stacked, Surface-bonded Walls**
2103.2.2, 2114.5
- C954—15: Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 inch (0.84 mm) to 0.112 inch (2.84 mm) in Thickness**
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1805.2, 1807.1.4, 2304.10.5.2

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ANSI/AWC SDPWS—2015: Special Design Provisions for Wind and Seismic

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AWCI

Association of the Wall and Ceiling Industry
513 West Broad Street, Suite 210
Falls Church, VA 22046

12-B—14: Technical Manual 12B, Third Edition; Standard Practice for the Testing and Inspection of Field Applied Thin Film Intumescent Fire-resistive Materials; an Annotated Guide:

1705.15

AWPA

American Wood Protection Association
P.O. Box 361784
Birmingham, AL 35236-1784

C1—03: All Timber Products—Preservative Treatment by Pressure Processes

1505.6

M4—16: Standard for the Care of Preservative-treated Wood Products

1810.3.2.4.1, 2303.1.9

U1—16: USE CATEGORY SYSTEM: User Specification for Treated Wood Except Commodity Specification H

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AWS

American Welding Society
8669 NW 36 Street, #130
Miami, FL 33166

D1.4/D1.4M—2011: Structural Welding Code—Reinforcing Steel Including Metal Inserts and Connections In Reinforced Concrete Construction

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BHMA

Builders Hardware Manufacturers' Association
355 Lexington Avenue, 15th Floor
New York, NY 10017-6603

A 156.10—2011: Power Operated Pedestrian Doors

1010.1.4.2

A 156.19—2013: Standard for Power Assist and Low Energy Power Operated Doors

1010.1.4.2

A 156.27—2011: Power and Manual Operated Revolving Pedestrian Doors

1010.1.4.1.1

A 156.38—2014: Low Energy Power Operated Sliding and Folding Doors

1010.1.4.2

CEN

European Committee for Standardization (CEN)
Central Secretariat
Rue de Stassart 36
B-10 50 Brussels

EN 1081—98: Resilient Floor Coverings—Determination of the Electrical Resistance

406.7.1

BS EN 15250—2007: Slow Heat Release Appliances Fired by Solid Fuel Requirements and Test Methods

2112.2, 2112.5

CPA

Composite Panel Association
19465 Deerfield Avenue, Suite 306
Leesburg, VA 20176

ANSI A135.4—2012: Basic Hardboard

1403.3.1, 2303.1.7

ANSI A135.5—2012: Prefinished Hardboard Paneling

2303.1.7, 2304.7

ANSI A135.6—2012: Engineered Wood Siding

1403.3.2, 2303.1.7

A208.1—2016: Particleboard

2303.1.8, 2303.1.8.1

CPSC

Consumer Product Safety Commission
4330 East/West Highway
Bethesda, MD 20814

16 CFR Part 1201 (2002): Safety Standard for Architectural Glazing Material

2406.2, Table 2406.2(1), 2406.3.1, 2407.1, 2407.1.4.1, 2408.2.1, 2408.3, 2409.2, 2409.3.1, 2409.4.1

16 CFR Part 1209 (2002): Interim Safety Standard for Cellulose Insulation

720.6

16 CFR Part 1404 (2002): Cellulose Insulation

720.6

16 CFR Part 1500 (2009): Hazardous Substances and Articles; Administration and Enforcement Regulations

202

16 CFR Part 1500.44 (2009): Method for Determining Extremely Flammable and Flammable Solids

202

16 CFR Part 1507 (2002): Fireworks Devices

202

16 CFR Part 1630 (2007): Standard for the Surface Flammability of Carpets and Rugs

804.4.1

CSA

Canadian Standards Association
8501 East Pleasant Valley Road
Cleveland, OH 44131-5516

AAMA/WDMA/CSA 101/I.S.2/A440—17: North American Fenestration Standard/Specifications for Windows, Doors and Unit Skylights

1709.5.1, 2405.5

ASME A17.1—2016/CSA B44—16: Safety Code for Elevators and Escalators

907.3.3, 911.1.6, 1009.4.1, 1607.10.1, 3001.2, Table 3001.3, 3001.5, 3002.5, 3003.2, 3007.1, 3008.1.4, 3008.7.1

ASME A17.7—2007/CSA B44.7—07: Performance-based Safety Code for Elevators and Escalators

Table 3001.3, 3001.5, 3002.5

CSSB

Cedar Shake & Shingle Bureau
P. O. Box 1178
Sumas, WA 98295-1178

CSSB—97: Grading and Packing Rules for Western Red Cedar Shakes and Western Red Shingles of the Cedar Shake and Shingle Bureau

Table 1507.8.5, Table 1507.9.6

DASMA

Door & Access Systems Manufacturers Association International
1300 Sumner Avenue
Cleveland, OH 44115-2851

ANSI/DASMA 107—2017: Room Fire Test Standard for Garage Doors Using Foam Plastic Insulation
2603.4.1.9

ANSI/DASMA 108—2017: Standard Method for Testing Sectional Garage Doors, Rolling Doors and Flexible Doors: Determination of Structural Performance Under Uniform Static Air Pressure Difference
1709.5.2

ANSI/DASMA 115—2016: Standard Method for Testing Sectional Garage Doors, Rolling Doors and Flexible Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure
1609.2.3

DOC

U.S. Department of Commerce
National Institute of Standards and Technology
1401 Constitution Avenue NW
Washington, DC 20230

PS 1—09: Structural Plywood
2303.1.5, 2304.7, Table 2304.8(4), Table 2304.8(5), Table 2306.2(1), Table 2306.2(2)

PS 2—10: Performance Standard for Wood-based Structural-use Panels
2303.1.5, 2304.7, Table 2304.8(5), Table 2306.2(1), Table 2306.2(2)

PS 20—05: American Softwood Lumber Standard
202, 1810.3.2.4, 2303.1.1

DOL

U.S. Department of Labor
Occupational Safety and Health Administration
c/o Superintendent of Documents
U.S. Government Printing Office
Washington, DC 20402-9325

29 CFR Part 1910.1000 (2015) : Air Contaminants
202

DOTn

U.S. Department of Transportation
Office of Hazardous Material Safety
1200 New Jersey Avenue, SE
East Building, 2nd Floor
Washington, DC 20590

49 CFR Parts 100–185—2015: Hazardous Materials Regulations
202

49 CFR Parts 173.137—(2009): Shippers—General Requirements for Shipments and Packaging—Class 8—Assignment of Packing Group
202

49 CFR Parts 173–178—2015: Specification of Transportation of Explosive and Other Dangerous Articles, UN 0335, UN 0336 Shipping Containers
202

FEMA

Federal Emergency Management Agency
Federal Center Plaza
500 C Street S.W.
Washington, DC 20472

FEMA-TB-11—01: Crawlspace Construction for Buildings Located in Special Flood Hazard Areas
1805.1.2.1

FM

FM Approvals
Headquarters Office
1151 Boston-Providence Turnpike
P.O. Box 9102
Norwood, MA 02062

4430—2012: Approval Standard for Heat and Smoke Vents
910.3.1

4450—(1989): Approval Standard for Class 1 Insulated Steel Deck Roofs—with Supplements through July 1992
1509.2

4470—2016: Approval Standard for Single-ply Polymer-modified Bitumen Sheet, Built-up Roof (BUR) and Liquid Applied Roof Assemblies for Use in Class 1 and Noncombustible Roof Deck Construction
1504.7

4474—2011: American National Standard for Evaluating the Simulated Wind Uplift Resistance of Roof Assemblies Using Static Positive and/or Negative Differential Pressures
1504.3.1, 1504.3.2, 1504.3.3

4880—2015: Approval Standard for Class 1 Fire Rating of Building Panels or Interior Finish Materials
2603.4, 2603.9

GA

Gypsum Association
6525 Belcrest Road, Suite 480
Hyattsville, MD 20782

GA 216—2016: Application and Finishing of Gypsum Panel Products
Table 2508.1, 2509.2

GA 600—2015: Fire-resistance Design Manual, 21st Edition
Table 721.1(1), Table 721.1(2), Table 721.1(3)

HPVA

Hardwood Plywood & Veneer Association
1825 Michael Faraday Drive
Reston, VA 20190

ANSI/HPVA HP-1—2016: American National Standard for Hardwood and Decorative Plywood
2303.3, 2304.7

ICC

International Code Council, Inc.
500 New Jersey Ave NW
6th Floor
Washington, DC 20001

ICC A117.1—09: Accessible and Usable Buildings and Facilities
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1102.1, 1107.2, 1109.1, 1109.2, 1109.5.1, 1109.5.2, 1111.2, 1111.3, 1111.4, 1111.4.2

ICC 300—17: ICC Standard on Bleachers, Folding and Telescopic Seating and Grandstands
1029.1.1, 1029.7, Table 1607.1

ICC 400—17: Standard on Design and Construction of Log Structures
2302.2

ICC—continued

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ICC 900/SRCC 300—2015: Solar Thermal System Standard

3111.2.1

ICC 901/SRCC 100—2015: Solar Thermal Collector Standard

3111.2.1

IEBC—18: International Existing Building Code®

101.4.7, 102.6, 116.5, 201.3, Table 504.3, Table 504.4, Table 504.6, 2701.1, 2801.1, 3113.1.1

IECC—18: International Energy Conservation Code®

101.4.6, 201.3, 202, 1202.1, 1202.4.3.2, 1301.1.1, 1405.3

IFC—18: International Fire Code®

101.4.5, 102.6, 102.6.2, 201.3, 202, 307.1, Table 307.1(1), Table 307.1(2), 307.1.1, 307.1.2, 403.4.5, 404.2, 406.2.9, 406.7, 406.8, 407.4, 410.2.6, 411.1, 412.1, 412.5.1, 413.1, 414.1.1, 414.1.2, 414.1.2.1, 414.2, Table 414.2.5(1), 414.2.5.1, 414.2.5.2, Table 414.2.5(2), 414.2.5.3, 414.3, 414.5, 414.5.1, Table 414.5.1, 414.5.2, 414.5.3, 414.6, 415.2, 415.6, 415.6.1, 415.6.1.1, 415.6.1.4, Table 415.6.2, 415.7.3, 415.8.2, 415.9, 415.9.1, 415.9.1.3, 415.9.1.4, 415.9.1.6, 415.9.1.7, 415.9.1.8, 415.9.2, 415.9.3, 415.10, 415.11, 415.11.1.7, 415.11.4, 415.11.7.2, 415.11.9.3, 415.11.10.1, 416.1, 416.2.3, 416.4, 422.3.1, 426.1, 426.1.4, 427.1, 427.2.3, 428.1, 428.2, 428.3, Table 504.3, Table 504.4, Table 506.2, 507.4, 507.8.1.1.1, 507.8.1.1.2, 507.8.1.1.3, Table 509, 705.8.1, 707.1, 806.3, 901.2, 901.3, 901.5, 901.6.3, 901.6.4, 903.2.7.1, Table 903.2.11.6, 903.2.12, 903.5, 904.2.2, 904.11.3, 905.1, 905.3.6, 905.3.7, 906.1, Table 906.1, 906.4, 907.1.1, 907.2.5, 907.2.6, 907.2.8, 907.2.12.2, 907.2.14, 907.2.15, 907.2.22, 907.5.2.2, 907.6.6, 907.6.6.2, 907.8, 909.6.3, 909.12.1, 909.19, 909.20, 910.2.2, 910.5, 912.4.3, 915.1, 915.6, 916.7, 916.11, 918.1, 1002.1, 1002.2, 1010.1.9.7, 1202.5.2, 1202.6, 1507.16, 1512.1, Table 1604.5, 2603.4.1.12, 2701.1, 2702.1.3, 2702.2.3, 2702.2.7, 2702.2.10, 2702.2.12, 2702.2.14, 2702.4, 3003.3, 3008.1.3, 3102.1, 3102.8.3, 3103.1, 3111.1.2, 3111.2, 3111.3, 3111.3.4, 3111.3.5, 3302.3, 3303.7, 3309.2

IFGC—18: International Fuel Gas Code®

101.4.1, 201.3, Table 307.1(1), 415.9.2, 2113.11.1.2, 2113.15, 2702.2.6, 2801.1

IMC—18: International Mechanical Code®

101.4.2, 201.3, Table 307.1(1), 406.2.9, 406.6.2, 406.8.1, 406.8.4, 407.2.6, 409.3, 412.5.6, 414.1.2, 414.3, 415.9.1, 415.9.2, 415.9.3, 415.11.11, 416.2.3, 420.8, 420.9, 420.10.1, 421.4, 426.1.4, 427.2.2, 427.2.3, 428.4.7, 603.1, 603.1.1, 603.1.2, 712.1.6, 717.2.2, 717.5.3, 715.4, 715.5, 717.6.1, 717.6.2, 717.6.3, 718.5, 720.1, 720.7, 903.2.11.4, 904.2.2, 904.12, 907.3.1, 909.1, 909.10.2, 909.13.1, 910.4.7, 1006.2.2.3, 1011.16, 1020.5.1, 1202.1, 1202.2.2, 1202.4.3.2, 1202.5.2.1, 1202.6, 1208.3, 2702.2.5, 2801.1, 3111.2

IPC—18: International Plumbing Code®

101.4.3, 201.3, 415.9.3, 603.1.2, 718.5, 903.3.5, 1205.3.3, 1502.1, 1502.2, 1805.4.3, 2901.1, Table 2902.1, 3111.2, 3305.1

IPMC—18: International Property Maintenance Code®

101.4.4, 102.6, 102.6.2, 103.3, 2701.1, 2801.1

IPSDC—18: International Private Sewage Disposal Code®

101.4.3, 2901.1

IRC—18: International Residential Code®

101.2, 102.6.1, 305.2.3, 308.2.4, 308.3.2, 308.5.4, 310.1, 310.4.1, 310.4.2, 2308.1

ISPSC—18: International Swimming Pool and Spa Code®

3109.1

IWUIC—18: International Wildland-Urban Interface Code®

Table 1505.1

SBCCI SSTD 11—97: Test Standard for Determining Wind Resistance of Concrete or Clay Roof Tiles

1504.2.1.1, 1504.2.1.2

ISO

International Organization for Standardization
Chemin de Blandonnet 8
CP 401
1214 Vernier
Geneva, Switzerland

ISO 8115—86: Cotton Bales—Dimensions and Density

Table 307.1(1), Table 415.11.1.1.1

ISO 8336—09: Fiber-cement Flat Sheets—Product Specification and Test Methods

1403.10, 1404.16.1, 1404.16.2, Table 2509.2

MHI

Material Handling Institute
8720 Red Oak Blvd. Suite 201
Charlotte, NC 28217

ANSI MH29.1—08: Safety Requirements for Industrial Scissors Lifts

Table 3001.3

NAAMM

National Association of Architectural Metal Manufacturers
800 Roosevelt Road, Bldg. C, Suite 312
Glen Ellyn, IL 60137

FP 1001—07: Guide Specifications for Design of Metal Flag Poles

1609.1.1

NCMA

National Concrete Masonry Association
13750 Sunrise Valley
Herndon, VA 22071-4662

TEK 5—84(1996): Details for Concrete Masonry Fire Walls

Table 721.1(2)

NFPA

National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169-7471

10—18: Standard for Portable Fire Extinguishers

906.2, 906.3.2, 906.3.4, Table 906.3(1), Table 906.3(2)

11—16: Standard for Low Expansion Foam

904.7

12—15: Standard on Carbon Dioxide Extinguishing Systems

904.8, 904.12

12A—15: Standard on Halon 1301 Fire Extinguishing Systems

904.9

13—16: Standard for Installation of Sprinkler Systems

712.1.3.1, 903.3.1.1, 903.3.2, 903.3.8.2, 903.3.8.5, 904.12, 905.3.4, 907.6.4, 1019.3

13D—16: Standard for the Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes

903.3.1.3

13R—16: Standard for the Installation of Sprinkler Systems in Low-rise Residential Occupancies

903.3.1.2, 903.3.5.2, 903.4

14—16: Standard for the Installation of Standpipe and Hose System

905.2, 905.3.4, 905.4.2, 905.6.2, 905.8

16—15: Standard for the Installation of Foam-water Sprinkler and Foam-water Spray Systems

904.7, 904.12

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904.5, 904.12
- 20—16: Standard for the Installation of Stationary Pumps for Fire Protection**
412.2.4.1, 913.1, 913.2, 913.2.1, 913.5
- 30—18: Flammable and Combustible Liquids Code**
415.6, 507.8.1.1.1, 507.8.1.1.2
- 30A—18: Code for Motor Fuel Dispensing Facilities and Repair Garages**
406.2.9.2
- 31—16: Standard for the Installation of Oil-burning Equipment**
2113.15
- 32—16: Standard for Dry Cleaning Plants**
415.9.3
- 40—16: Standard for the Storage and Handling of Cellulose Nitrate Film**
409.1
- 45—15: Standard on Fire Protection Laboratories Using Chemicals (2015 Edition)**
428.3.7
- 58—17: Liquefied Petroleum Gas Code**
415.9.2
- 61—17: Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Product Facilities**
426.1
- 70—17: National Electrical Code**
108.3, 406.2.7, 406.2.9, 412.5.7, 415.11.1.8, Table 509, 904.3.1, 907.6.1, 909.12.2, 909.16.3, 910.4.6, 1204.4.1, 2701.1, 2702.1.3, 3111.3
- 72—16: National Fire Alarm and Signaling Code**
407.4.4.3, 407.4.4.5, 407.4.4.5.1, 901.6, 903.4.1, 904.3.5, 907.1.2, 907.2, 907.2.6, 907.2.9.3, 907.2.10, 907.2.12.2, 907.3, 907.3.3, 907.3.4, 907.5.2.1.2, 907.5.2.2, 907.5.2.2.5, 907.6, 907.6.1, 907.6.2, 907.6.6, 907.7, 907.7.1, 907.7.2, 911.1.6, 917.1, 2702.2.4, 3005.5, 3007.7
- 80—16: Standard for Fire Doors and Other Opening Protectives**
410.2.5, 509.4.2, 716.1, 716.2.5.1, 716.2.6.4, 716.2.9, 716.3.4.1, 716.3.5, 1010.1.4.3
- 82—14: Standard on Incinerators and Waste and Linen Handling Systems and Equipment**
713.13
- 85—15: Boiler and Combustion System Hazards Code**
426.1
- 92—15: Standard for Smoke Control Systems**
909.7, 909.8
- 99—18: Health Care Facilities Code**
407.11, 422.6, 425.1
- 101—18: Life Safety Code**
1029.6.2
- 105—16: Standard for Smoke Door Assemblies and Other Opening Protectives**
405.4.2, 710.5.2.2, 716.2.10, 909.20.4.1
- 110—16: Standard for Emergency and Standby Power Systems**
2702.1.3
- 111—13: Standard on Stored Electrical Energy Emergency and Standby Power Systems**
2702.1.3
- 120—15: Standard for Fire Prevention and Control in Coal Mines**
426.1
- 130—17: Standard for Fixed Guideway Transit and Guideway Transit and Passenger Rail Systems**
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2112.5
- 221—18: Standard for High Challenge Fire Walls, Fire Walls and Fire Barrier Walls**
706.2
- 252—17: Standard Methods of Fire Tests of Door Assemblies**
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- 253—15: Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source**
406.2.4, 424.2, 804.2, 804.3
- 257—17: Standard for Fire Test for Window and Glass Block Assemblies**
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- 259—18: Standard Test Method for Potential Heat of Building Materials**
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- 265—15: Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile Wall Coverings on Full Height Panels and Walls**
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- 275—17: Standard Method of Fire Tests for the Evaluation of Thermal Barriers**
1406.10.2, 1408.10.2, 2603.4
- 276—15: Standard Method of Fire Tests for Determining the Heat Release Rate of Roofing Assemblies with Combustible Above-deck Roofing Components**
1508.1, 2603.3, 2603.4.1.5
- 285—12: Standard Fire Test Method for the Evaluation of Fire Propagation Characteristics of Exterior Nonload-bearing Wall Assemblies Containing Combustible Components**
718.2.6, 1402.5, 1406.10.4, 1408.10.4, 1510.6.2, 2603.5.5
- 286—15: Standard Methods of Fire Test for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth**
402.6.4.4, 803.1.1, 803.1.1.1, 803.1.1, 803.1.2, 803.1.3, 1406.10.3, 2603.7, 2603.9, 2604.2.4, 2614.4, 3105.3
- 288—17: Standard Methods of Fire Tests of Horizontal Fire Door Assemblies Installed in Horizontal in Fire-resistance-rated Floor Systems**
712.1.13.1
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402.6.2, 402.6.4.5, 424.2, 806.4
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412.3.6, Table 412.3.6, 412.3.6.1, 412.5.5
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412.7.4
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426.1
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426.1
- 654—17: Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing and Handling of Combustible Particulate Solids**
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426.1
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- 701—15: Standard Methods of Fire Tests for Flame Propagation of Textiles and Films**
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720—15: Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment
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 415.6.1.1

2001—15: Standard on Clean Agent Fire Extinguishing Systems
 904.10

2010—15: Standard for Fixed Aerosol Fire-extinguishing Systems
 904.14

PCI

Precast Prestressed Concrete Institute
 200 West Adams Street, Suite 2100
 Chicago, IL 60606-6938

MNL 124—11: Design for Fire Resistance of Precast Prestressed Concrete
 722.2.3.1

MNL 128—01: Recommended Practice for Glass Fiber Reinforced Concrete Panels
 1903.3

PTI

Post-Tensioning Institute
 38800 Country Club Drive
 Farmington Hills, MI 48331

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 Allison Park, PA 15101

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465 Waverly Oaks Road, Suite 421
Waltham, MA 02452

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218 N. Lee Street, Suite 312
Alexandria, VA 22314

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Underwriters Laboratories of Canada
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Richmond, BC V6V 2V4

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Portland, OR 97281

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