



**Department of Commerce**

Division of Industrial Compliance  
John R. Kasich, Governor  
Andre T. Porter, Director

**List of BBS Proposed OBC, OMC, & OPC Rule Changes – March 2014**

The following draft changes to the Ohio Building Code, Ohio Mechanical Code, and Ohio Plumbing Code rules are proposed as a result of Petition 13-04 submitted by the Ohio Electrical Code Coalition and approved by the Board of Building Standards.

<b>OHIO BUILDING CODE RULES – PROPOSED CHANGES</b>	
<b>Rule Number</b>	<b>Description of Proposed Change</b>
4101:1-35-01	For non-residential buildings, to update the NFPA 70 standard from the 2011 edition to the 2014 edition.
<b>OHIO MECHANICAL CODE RULES – PROPOSED CHANGES</b>	
<b>Rule Number</b>	<b>Description of Proposed Change</b>
4101:2-15-01	For non-residential buildings, to update the NFPA 70 standard from the 2011 edition to the 2014 edition.
<b>OHIO PLUMBING CODE RULES – PROPOSED CHANGES</b>	
<b>Rule Number</b>	<b>Description of Proposed Change</b>
4101:3-13-01	For non-residential buildings, to update the NFPA 70 standard from the 2011 edition to the 2014 edition.

**4101:1-35-01 Referenced standards.**

**3501.1 General.** *This chapter lists the standards that are referenced in various sections of the building code. The standards are listed herein by the promulgating agency of the standard, the standard identification, the effective date and title. The application of the referenced standards shall be as specified in Section 102.5.*

**3501.2 Referenced codes.** *When indicated in this code, the following codes refer to provisions in the listed chapters of the administrative code:*

<i>Referenced Code</i>	<i>Ohio Administrative Code Chapters</i>
<i>Building Code</i>	<i>4101:1-1 to 4101:1-35</i>
<i>Energy Code</i>	<i>4101:1-13</i>
<i>Fire Code</i>	<i>1301:7-1 to 1301:7-7</i>
<i>Mechanical Code</i>	<i>4101:2-1 to 4101:2-15</i>
<i>Ohio Boiler and Pressure Vessel Rules</i>	<i>4101:4-1 to 4101:4-10</i>
<i>Ohio Elevator Code</i>	<i>4101:5-1 to 4101:5-3</i>
<i>Residential Code of Ohio for One, Two and Three Family Dwellings</i>	<i>4101:8-1 to 4101:8-44</i>
<i>Plumbing Code</i>	<i>4101:3-1 to 4101:3-13</i>

**3501.3 Building Code Referenced Standards.**

Aluminum Association  
 1525 Wilson Boulevard, Suite 600  
 Arlington, VA 22209

**AA**

**Standard reference number**

ADM1—10

**Title**

Aluminum Design Manual: Part 1-A Specification for Aluminum Structures, Allowable Stress Design; and Part 1-B—Aluminum Structures, Load and Resistance Factor Design

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

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

**AAMA  
Standard  
reference  
number**

**Title**

1402—09

Standard Specifications for Aluminum Siding,  
Soffit and Fascia

AAMA/WDMA/CSA  
101/I.S.2/A440—08

North American Fenestration  
Standard/Specifications for Windows, Doors and  
Skylights

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

**ACI  
Standard  
reference  
number**

**Title**

216.1—07

Standard Method for Determining Fire Resistance of  
Concrete and Masonry Construction Assemblies

318—08

Building Code Requirements for Structural Concrete

530—08

Building Code Requirements for Masonry Structures

530.1—08

Specifications for Masonry Structures

American Forest & Paper Association  
1111 19th St, NW Suite 800  
Washington, DC 20036

**AF&PA  
Standard  
reference  
number**

**Title**

WCD No. 4—03	Wood Construction Data—Plank and Beam Framing for Residential
NDS—05	National Design Specification (NDS) for Wood Construction with 2005 Supplement
AF&PA—93	Span Tables for Joists and Rafters
ANSI/AF&PA PWF—07	Permanent Wood Foundation Design Specification
ANSI/AF&PA SDPWS—08	Special Design Provisions for Wind and Seismic

American Institute of Steel Construction  
 One East Wacker Drive, Suite 3100  
 Chicago, IL 60601-2001

**AISC**  
**Standard**  
**reference**  
**number**

	<b>Title</b>
341—05	Seismic Provisions for Structural Steel Buildings, including Supplement No. 1 dated 2005
360—05	Specification for Structural Steel Buildings

American Iron and Steel Institute  
 1140 Connecticut Avenue  
 Suite 705  
 Washington, DC 20036

**AISI**  
**Standard**  
**reference**  
**number**

	<b>Title</b>
S100—07	North American Specification for the Design of Cold-formed Steel Structural Members
S200—08	North American Standard for Cold-formed Steel Framing—General
S210—08	North American Standard for Cold-formed Steel Framing—Floor and Roof System Design
S211—08	North American Standard for Cold-formed Steel Framing—Wall Stud
S212—08	North American Standard for Cold-formed Steel Framing—Header Design

S213—08	North American Standard for Cold-formed Steel Framing—Lateral Design
S214—08	North American Standard for Cold-formed Steel Framing—Truss Design, with Supplement 2, dated 2008

American Institute of Timber Construction  
 Suite 140  
 7012 S. Revere Parkway  
 Englewood, CO 80112

**AITC**  
**Standard**  
**reference**  
**number**

**Title**

AITC Technical Note 7—96	Calculation of Fire Resistance of Glued Laminated Timbers
AITC 104—03	Typical Construction Details
AITC 110—01	Standard Appearance Grades for Structural Glued Laminated
AITC 113—01	Standard for Dimensions of Structural Glued Laminated Timber
AITC 117—04	Standard Specifications for Structural Glued Laminated Timber of Softwood Species
AITC 119—96	Standard Specifications for Structural Glued Laminated Timber of Hardwood
AITC200—09	Manufacturing Quality Control Systems Manual for Structural Glued Laminated Timber
ANSI/AITCA 190.1—07	Structural Glued Laminated Timber

Automotive Lift Institute  
 P.O. Box 85  
 Courtland, NY 13045

**ALI**  
**Standard**  
**reference**  
**number**

**Title**

ALI ALCTV—2007	Standard for Automobile Lifts—Safety Requirements for Construction, Testing and Validation (ANSI)
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American National Standards Institute  
 25 West 43rd Street, Fourth Floor  
 New York, NY 10036

**ANSI  
 Standard  
 reference  
 number**

**Title**

A13.1—07	Scheme for the Identification of Piping Systems
A108.1A—09	Installation of Ceramic Tile in the Wet-set Method, with Portland Cement
A108.1B—09	Installation of Ceramic Tile, quarry Tile on a Cured Portland Cement Mortar Setting Bed with Dry-set or Latex-
A108.4—09	Installation of Ceramic Tile with Organic Adhesives or Water-cleanable Tile-setting Epoxy Adhesive
A108.5—09	Installation of Ceramic Tile with Dry-set Portland Cement Mortar or Latex-portland Cement Mortar
A108.6—09	Installation of Ceramic Tile with Chemical-resistant, Water Cleanable Tile-setting and -grouting Epoxy
A108.8—09	Installation of Ceramic Tile with Chemical-resistant Furan Resin Mortar and Grout
A108.9—09	Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout
A108.10—09	Installation of Grout in Tilework
A118.1—10.1	American National Standard Specifications for Dry-set Portland Cement
A118.3—10.1	American National Standard Specifications for Chemical-resistant, Water-cleanable Tile-setting and -grouting Epoxy and Water Cleanable Tile-setting Epoxy
A118.4—10.1	American National Standard Specifications for Latex-portland Cement
A118.5—10.1	American National Standard Specifications for Chemical Resistant Furan Mortar and Grouts for Tile
A118.8—10.1	American National Standard Specifications for Modified Epoxy Emulsion Mortar/Grout
A136.1—10.1	American National Standard Specifications for Organic Adhesives for Installation of Ceramic
137.1—08	American National Standard Specifications for Ceramic Tile
A208.1—09	Particleboard

Z 97.1—09 Safety Glazing Materials Used in Buildings—Safety Performance Specifications and Methods of Test

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

### **APA**

#### **Standard reference number**

#### **Title**

APA PDS—08	Panel Design Specification
APA PDS Supplement 1—90	Design and Fabrication of Plywood Curved Panels (revised 1995)
APA PDS Supplement 2—92	Design and Fabrication of Plywood-lumber Beams (revised 1998)
APA PDS Supplement 3—96	Design and Fabrication of Plywood Stressed-skin Panels (revised 1996)
APA PDS Supplement 4—93	Design and Fabrication of Plywood Sandwich Panels (revised 1993)
APA PDS Supplement 5—95	Design and Fabrication of All-plywood Beams (revised 1995)
EWS R540—07	Builders Tips: Proper Storage and Handling of Glulam Beams
EWS S475—07	Glued Laminated Beam Design Tables
EWS S560—10	Field Notching and Drilling of Glued Laminated Timber Beams
EWS T300—07	Glulam Connection
EWS X440—08	Product Guide— Glulam
EWS X450—01	Glulam in Residential Construction—Western Edition

The Association of Pool & Spa Professionals  
2111 Eisenhower Avenue  
Alexandria, VA 22314

### **APSP**

**Standard  
reference  
number**

**Title**

ANSI/APSP 7—06 Standard for Suction Entrapment Avoidance in Swimming Pools, Wading Pools, Spas, Hot Tubs and Catch Basins

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

**ASABE  
Standard  
reference  
number**

**Title**

EP 484.2 -98 Diaphragm Design of Metal-clad, Post-frame Rectangular Buildings

EP 486.1 -99 Shallow-post Foundation Design

EP 559 -03 Design Requirements and Bending Properties for Mechanically Laminated Columns

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

**ASCE/SEI  
Standard  
reference  
number**

**Title**

3—91 Structural Design of Composite Slabs

5—08 Building Code Requirements for Masonry

6—08 Specification for Masonry Structures

7—05 Minimum Design Loads for Buildings and Other Structures including Supplements No. 1 and 2, excluding Chapter 14 and Appendix 11A

8—02 Standard Specification for the Design of Cold-formed Stainless Steel Structural Members

19—10 Structural Applications of Steel Cables for Buildings

24—05 Flood Resistant Design and Construction

29—05 Standard Calculation Methods for Structural Fire Protection

32—01          Design and Construction of Frost Protected Shallow Foundations

*American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.  
1791 Tullie Circle, NE  
Atlanta, GA 30329-2305*

**ASHRAE**

**Standard**

**Reference**

**Number**

**Title**

ASHRAE 90.1-2007    *Energy Standard for Buildings Except Low-Rise Buildings*

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

**ASME**

**Standard**

**reference**

**number**

**Title**

A17.1/CSA B44—2010

Safety Code for Elevators and Escalators

A18.1—2008

Safety Standard for Platform Lifts and Stairway  
Chairlifts

A90.1—2009

Safety Standard for Belt Manlifts

B16.18—2001

Cast Copper Alloy Solder Joint Pressure Fittings

(Reaffirmed 2005)

B16.22—2001

Wrought Copper and Copper Alloy Solder Joint  
Pressure Fittings

(Reaffirmed 2005)

B20.1—2009

Safety Standard for Conveyors and Related  
Equipment

B31.3—2008

Process Piping

ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959

**ASTM**

**Standard**

**reference**

<b>number</b>	<b>Title</b>
A 36/A 36M—08	Specification for Carbon Structural Steel
A 153/A 153M—09	Specification for Zinc Coating (Hot-dip) on Iron and Steel Hardware
A 240/A 240M—10a	Standard Specification for Chromium and Chromium-nickel Stainless Steel Plate, Sheet and Strip for Pressure Vessels and for General Applications
A 252—10	Specification for Welded and Seamless Steel Pipe Piles
A 283/A 283M—03(2007)	Specification for Low and Intermediate Tensile Strength Carbon Steel Plates
A 307—07b	Specification for Carbon Steel Bolts and Studs, 60,000 psi Tensile Strength
A 416/A 416M—10	Specification for Steel Strand, Uncoated Seven-wire for Prestressed Concrete
A 463/A 463M—09a	Standard Specification for Steel Sheet, Aluminum-coated, by the Hot-dip Process
A 572/A 572M—07	Specification for High-strength Low-alloy Columbium-vanadium Structural Steel
A 588/A 588M—10	Specification for High-strength Low-alloy Structural Steel with 50 ksi (345 MPa) Minimum Yield Point to 4 inches (100 mm) Thick
A 615/A 615M—09b	Specification for Deformed and Plain Billet-steel Bars for Concrete Reinforcement
A 653/A 653M—09a	Specification for Steel Sheet, Zinc-coated Galvanized or Zinc-iron Alloy-coated Galvannealed by the Hot-dip Process
A 690/A 690M—07	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
A 706/A 706M—09b	Specification for Low-alloy Steel Deformed and Plain Bars for Concrete Reinforcement
A 722/A 722M—07	Specification for Uncoated High-strength Steel Bar for Prestressing
A 755/A 755M—03(2008)	Specification for Steel Sheet, Metallic-coated by the Hot-dip Process and Prepainted by the Coil-coating Process for Exterior Exposed Building Products

A 792/A 792M—09a	Specification for Steel Sheet, 55% Aluminum-zinc Alloy-coated by the Hot-dip Process
A 875/A 875M—09a	Standard Specification for Steel Sheet Zinc-5 percent, Aluminum Alloy-coated by the Hot-dip Process
A 913/A 913M—07	Specification for High-strength Low-alloy Steel Shapes of Structural Quality, Produced by Quenching and Self-tempering Process (QST)
A 924/A 924M—10	Standard Specification for General Requirements for Steel Sheet, Metallic-coated by the Hot-dip Process
A 992/A 992M—06a	Standard Specification for Structural Shapes
B 42—10	Specification for Seamless Copper Pipe, Standard
B 43—09	Specification for Seamless Red Brass Pipe, Standard Sizes
B 68—02	Specification for Seamless Copper Tube, Bright Annealed (Metric)
B 88—09	Specification for Seamless Copper Water Tube
B 101—07	Specification for Lead-coated Copper Sheet and Strip for Building Construction
B 209—07	Specification for Aluminum and Aluminum Alloy Steel and Plate
B 251—10	Specification for General Requirements for Wrought Seamless Copper and Copper-alloy Tube
B 280—08	Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service
B 370—09	Specification for Cold-rolled Copper Sheet and Strip for Building Construction
B 695—04(2009)	Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel
C 5—10	Specification for Quicklime for Structural
C 22/C 22M—00 (2005)e01	Specification for Gypsum
C 27—98 (2008)	Specification for Standard Classification of Fireclay and High-alumina Refractory Brick
C 28/C 28M—10	Specification for Gypsum
C 31/C 31M—10	Practice for Making and Curing Concrete Test Specimens in the Field
C 33—08	Specification for Concrete Aggregates
C 34—10	Specification for Structural Clay Load-bearing Wall Tile

C 35—01(2009)	Specification for Inorganic Aggregates for Use in Gypsum Plaster
C 36/C 36M—03	Specification for Gypsum Wallboard
C 37/C 37M—01	Specification for Gypsum Lath
C 55—09	Specification for Concrete Building Brick
C 56—10	Specification for Structural Clay Nonload Bearing Tile
C 59/C 59M—00 (2006)	Specification for Gypsum Casting and Molding Plaster
C 61/C 61M—00 (2006)	Specification for Gypsum Keene's
C 62—10	Specification for Building Brick (Solid Masonry Units Made from Clay or Shale)
C 67—09	Test Methods of Sampling and Testing Brick and Structural Clay
C 73—05	Specification for Calcium Silicate Face Brick (Sand-lime Brick)
C 79—04a	Specification for Treated Core and Nontreated Core Gypsum Sheathing Board
C 90—09	Specification for Loadbearing Concrete Masonry Units
C 91—05	Specification for Masonry Cement
C 94/C 94M—10	Specification for Ready-mixed
C 126—10	Specification for Ceramic Glazed Structural Clay Facing Tile, Facing Brick and Solid Masonry Units
C 140—10	Test Method Sampling and Testing Concrete Masonry Units and Related Units
C 150—09	Specification for Portland Cement
C 172—10	Practice for Sampling Freshly Mixed
C 199—84 (2005)	Test Method for Pier Test for Refractory Mortars
C 206—03 (2009)	Specification for Finishing Hydrated Lime
C 208—08a	Specification for Cellulosic Fiber Insulating Board
C 212—10	Specification for Structural Clay Facing Tile
C 216—10	Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale)
C 270—10	Specification for Mortar for Unit Masonry
C 315—07	Specification for Clay Flue Liners and Chimney Pots
C 317/C 317M—00 (2005)	Specification for Gypsum Concrete
C 330—09	Specification for Lightweight Aggregates for Structural Concrete

C 331—05	Specification for Lightweight Aggregates for Concrete Masonry Units
C 406—10	Specification for Roofing Slate
C 442/C 442M—04	Specification for Gypsum Backing Board and Coreboard and Gypsum Shaftliner Board
C 472—99 (2009)	Specification for Standard Test Methods for Physical Testing of Gypsum, Gypsum Plasters and Gypsum Concrete
C 473—10	Test Method for Physical Testing of Gypsum Panel Products
C 474—05	Test Methods for Joint Treatment Materials for Gypsum Board Construction
C 475—02 (2007)	Specification for Joint Compound and Joint Tape for Finishing Gypsum Wallboard
C 503—10	Specification for Marble Dimension Stone (Exterior
C 514—04 (2009)e1	Specification for Nails for the Application of Gypsum
C 516—08	Specifications for Vermiculite Loose Fill Thermal
C 547—07e1	Specification for Mineral Fiber Pipe Insulation
C 549—06	Specification for Perlite Loose Fill
C 552—07	Standard Specification for Cellular Glass Thermal Insulation
C 557—03(2009)e01	Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing
C 568—10	Specification for Limestone Dimension Stone
C 578—10	Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation
C 587—04 (2009)	Specification for Gypsum Veneer Plaster
C 588/C 588M—01	Specification for Gypsum Base for Veneer Plasters
C 595—10	Specification for Blended Hydraulic Cements
C 615—10	Specification for Granite Dimension
C 616—10	Specification for Quartz Dimension Stone
C 629—10	Specification for Slate Dimension
C 630/C 630M—03	Specification for Water-resistant Gypsum Backing Board
C 631—09	Specification for Bonding Compounds for Interior Gypsum Plastering
C 635/C 635M-07	Specification for the Manufacture, Performance and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel

C 636/C 636M—08	Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels
C 645—09a	Specification for Nonstructural Steel Framing Members
C 652—10	Specification for Hollow Brick (Hollow Masonry Units Made from Clay or Shale)
C 728—05 (2010)	Standard Specification for Perlite Thermal Insulation Board
C 744—10	Specification for Prefaced Concrete and Calcium Silicate Masonry
C 754—09a	Specification for Installation of Steel Framing Members to Receive Screw-attached Gypsum Panel Products
C 836/C 836M-10	Specification for High-solids Content, Cold Liquid-applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course
C 840—08	Specification for Application and Finishing of Gypsum Board
C 841—03 (2008)e1	Specification for Installation of Interior Lathing and Furring
C 842—05	Specification for Application of Interior Gypsum Plaster
C 843—99 (2006)	Specification for Application of Gypsum Veneer Plaster
C 844—10	Specification for Application of Gypsum Base to Receive Gypsum Veneer Plaster
C 847—10a	Specification for Metal Lath
C 887—05 (2010)	Specification for Packaged, Dry Combined Materials for Surface Bonding Mortar
C 897—05 (2009)	Specification for Aggregate for Job-mixed Portland Cement-based Plaster
C 920—10	Standard for Specification for Elastomeric Joint Sealants
C 926—06	Specification for Application of Portland Cement-based Plaster
C 931/C 931M—04	Specification for Exterior Gypsum Soffit Board
C 932—06	Specification for Surface-applied Bonding Compounds Agents for Exterior Plastering
C 933—09	Specification for Welded Wire Lath

C 946—10	Specification for Practice for Construction of Dry-stacked, Surface-bonded Walls
C 954—10	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
C 955—09a	Standard Specification for Load-bearing Transverse and Axial Steel Studs, Runners Tracks, and Bracing or Bridging, for Screw Application of Gypsum Panel Products and Metal Plaster Bases
C 956—04 (2010)	Specification for Installation of Cast-in-place Reinforced Gypsum
C 957—10	Specification for High-solids Content, Cold Liquid-applied Elastomeric Waterproofing Membrane with Integral Wearing Surface
C 960—04	Specification for Predecorated Gypsum Board
C 1002—07	Specification for Steel Self-piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs
C 1007—08a	Specification for Installation of Load Bearing (Transverse and Axial) Steel Studs and Related Accessories
C 1019—09	Test Method of Sampling and Testing Grout
C 1029—10	Specification for Spray-applied Rigid Cellular Polyurethane Thermal Insulation
C 1032—06	Specification for Woven Wire Plaster Base
C 1047—10a	Specification for Accessories for Gypsum Wallboard and Gypsum Veneer
C 1063—08	Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-based Plaster
C 1088—10	Specification for Thin Veneer Brick Units Made from Clay or Shale
C 1167—03 (2009)	Specification for Clay Roof Tiles
C 1177/C 1177M—08	Specification for Glass Mat Gypsum Substrate for Use as Sheathing
C 1178/C 1178M—08	Specification for Coated Glass Mat Water-resistant Gypsum Backing Panel
C 1186—08	Specification for Flat-Fiber Cement Sheets

C 1261—10	Specification for Firebox Brick for Residential Fireplaces
C 1278/C 1278M—07a	Specification for Fiber-reinforced Gypsum Panels
C 1280—09	Specification for Application of Gypsum Sheathing
C 1283—07a	Practice for Installing Clay Flue Lining.
C 1288—99 (2010)	Standard Specification for Discrete Nonasbestos Fiber-cement Interior Substrate Sheets
C 1289—10	Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board
C 1314—10	Test Method for Compressive Strength of Masonry Prisms
C 1325—08b	Standard Specification for Nonasbestos Fiber-mat Reinforced Cement Interior Substrate Sheets
C 1328—05	Specification for Plastic (Stucco Cement
C 1386—07	Specification for Precast Autoclaved Aerated Concrete (AAC) Wall Construction
C 1395/C 1395M—06a	Specification for Gypsum Ceiling Board
C 1396M—09a	Specification for Gypsum Board
C 1405—10	Standard Specification for Glazed Brick (Single Fired, Solid Brick Units
C 1492—03 (2009)	Standard Specification for Concrete Roof
C 1629/C 1629M—06	Standard Classification for Abuse-resistant Nondecorated Interior Gypsum Panel Products and Fiber-reinforced Cement Panels
C 1658/C 1658M—06	Standard Specification for Glass Mat Gypsum Panels
D 25—99 (2005)	Specification for Round Timber Piles
D 41—05 (2010)	Specification for Asphalt Primer Used in Roofing, Dampproofing and Waterproofing
D 43—00 (2006)	Specification for Coal Tar Primer Used in Roofing, Dampproofing and Waterproofing
D 56—05	Test Method for Flash Point By Tag Closed Tester
D 86—10a	Test Method for Distillation of Petroleum Products at Atmospheric Pressure
D 93—10	Test Method for Flash Point By Pensky-Martens Closed Cup Tester
D 225—07	Specification for Asphalt Shingles (Organic Felt) Surfaced with Mineral Granules
D 226/D 226M-09	Specification for Asphalt-saturated Organic Felt Used in Roofing and Waterproofing

D 227—03	Specification for Coal-tar-saturated Organic Felt Used in Roofing and Waterproofing
D 312—00 (2006)	Specification for Asphalt Used in
D 422—63 (2007)	Test Method for Particle-size Analysis of Soils
D 448—08	Standard Classification for Sizes of Aggregate for Road and Bridge
D 450—07	Specification for Coal-tar Pitch Used in Roofing, Dampproofing and Waterproofing
D 635—10	Test Method for Rate of Burning and/or Extent and Time of Burning of Self-supporting Plastics in a Horizontal Position
D 1143/D 1143M—07e1	Test Method for Piles Under Static Axial Compressive Load
D 1227—95 (2007)	Specification for Emulsified Asphalt Used as a Protective Coating for Roofing
D 1557—09	Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort [56,000 ft-lb/ft <sup>3</sup> (2,700 KN m/m <sup>3</sup> )]
D 1586—08a	Specification for Penetration Test and Split-barrel Sampling of Soils
D 1761—06	Test Method for Mechanical Fasteners in Wood
D 1863—05	Specification for Mineral Aggregate Used on Built-up Roofs
D 1929—96 (2001)e01	Test Method for Determining Ignition Properties of Plastics
D 1970—09	Specification for Self-adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roof Underlayment for Ice Dam Protection
D 2166—06	Test Method for Unconfined Compressive Strength of Cohesive Soil
D 2178—04	Specification for Asphalt Glass Felt Used in Roofing and Waterproofing
D 2216—10	Test Method for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass
D 2487—10	Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)
D 2626—04	Specification for Asphalt Saturated and Coated Organic Felt Base Sheet Used in Roofing
D 2822—05	Specification for Asphalt Roof Cement
D 2823—05	Specification for Asphalt Roof Coatings

D 2843—10	Test for Density of Smoke from the Burning or Decomposition of Plastics
D 2850—03a (2007)	Test Method for Unconsolidated, Undrained Triaxial Compression Test on Cohesive Soils
D 2898—10	Test Methods for Accelerated Weathering of Fire-retardant-treated Wood for Fire Testing
D 3019—08	Specification for Lap Cement Used with Asphalt Roll Roofing, Nonfibered, Asbestos Fibered and NonasbestosFibered
D 3161—09	Test Method for a Wind Resistance of Asphalt Shingles (Fan Induced Method)
D 3200—74 (2005)	Standard Specification and Test Method for Establishing Recommended Design Stresses for Round Timber Construction Poles
D 3201—08ae1	Test Method for Hygroscopic Properties of Fire-retardant-treated Wood and Wood-based Products
D 3278—96(2004)e01	Test Methods for Flash Point of Liquids by Small Scale Closed-cup Apparatus
D 3462/ D3462M-10a	Specification for Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules
D 3468—99 (2006)e1	Specification for Liquid-applied Neoprene and Chlorosulfonated Polyethylene Used in Roofing and Waterproofing
D 3679—09a	Specification for Rigid Poly [Vinyl Chloride (PVC) Siding]
D 3689—07	Method for Testing Individual Piles Under Static Axial Tensile Load
D 3737—09	Practice for Establishing Allowable Properties for Structural Glued Laminated Timber (Glulam)
D 3746—85 (2008)	Test Method for Impact Resistance of Bituminous Roofing Systems
D 3747—79 (2007)	Specification for Emulsified Asphalt Adhesive for Adhering Roof Insulation
D 3909—97b (2004)e01	Specification for Asphalt Roll Roofing (Glass Felt) Surfaced with Mineral Granules
D 3957—09	Standard Practices for Establishing Stress Grades for Structural Members Used in Log Buildings
D 4022—07	Specification for Coal Tar Roof Cement, Asbestos Containing
D 4272—09	Test Method for Total Energy Impact of Plastic Films by Dart Drop

D 4318—10	Test Methods for Liquid Limit, Plastic Limit and Plasticity Index of Soils
D 4434/D 4434M-09	Specification for Poly (Vinyl Chloride) Sheet Roofing
D 4479—07	Specification for Asphalt Roof Coatings—Asbestos-free
D 4586—07	Specification for Asphalt Roof Cement—Asbestos-free
D 4601—04	Specification for Asphalt-coated Glass Fiber Base Sheet Used in Roofing
D 4637/D 4637M-10	Specification for EPDM Sheet Used in Single-ply Roof Membrane
D 4829—08a	Test Method for Expansion Index of Soils
D 4869—05e01	Specification for Asphalt-saturated (Organic Felt) Underlayment Used in Steep Slope Roofing
D 4897/D 4897M-01(2009)	Specification for Asphalt-coated Glass Fiber Venting Base Sheet Used in Roofing
D 4945—08	Test Method for High-strain Dynamic Testing of Piles
D 4990—97a (2005)e1	Specification for Coal Tar Glass Felt Used in Roofing and Waterproofing.
D 5019—07a	Specification for Reinforced Nonvulcanized Polymeric Sheet Used in Roofing Membrane
D 5055—10	Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-joists
D 5456—10	Specification for Evaluation of Structural Composite Lumber Products
D 5516—09	Test Method of Evaluating the Flexural Properties of Fire-retardant-treated Softwood Plywood Exposed to the Elevated Temperatures
D 5643—06	Specification for Coal Tar Roof Cement, Asbestos-free
D 5664—10	Test Methods for Evaluating the Effects of Fire-retardant Treatment and Elevated Temperatures on Strength Properties of Fire-retardant-treated Lumber
D 5665—99a (2006)	Specification for Thermoplastic Fabrics Used in Cold-applied Roofing and Waterproofing
D 5726—98 (2005)	Specification for Thermoplastic Fabrics Used in Hot-applied Roofing and Waterproofing .
D 6083—05e01	Specification for Liquid Applied Acrylic Coating Used in Roofing

D 6162—00a (2008)	Specification for Styrene-butadiene-styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements
D 6163—00 (2008)	Specification for Styrene-butadiene-styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements
D 6164—05 e1	Specification for Styrene-butadiene-styrene (SBS) Modified Bituminous Sheet Metal Materials Using Polyester Reinforcements
D 6222—08	Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using Polyester Reinforcements
D 6223/D6223M-02(2009)e1	Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements
D 6298—05e1	Specification for Fiberglass Reinforced Styrene-butadiene-styrene (SBS) Modified Bituminous Sheets with a Factory Applied Metal Surface
D 6305—08	Practice for Calculating Bending Strength Design Adjustment Factors for Fire-retardant-treated Plywood Roof Sheathing
D 6380—03 (2009)	Standard Specification for Asphalt Roll Roofing (Organic) Felt
D 6509/D6509M-09	Standard Specification for Atactic Polypropylene (APP) Modified Bituminous base Sheet Materials Using Glass Fiber Reinforcements
D 6694—08	Standard Specification for Liquid-applied Silicone Coating Used in Spray Polyurethane Foam Roofing
D 6754/D6754M-10	Standard Specification for Ketone Ethylene Ester Based Sheet Roofing
D 6757—07	Standard Specification for Inorganic Underlayment for Use with Steep Slope Roofing Products
D 6841—08	Standard Practice for Calculating Design Value Treatment Adjustment Factors for Fire-retardant-treated Lumber
D 6878—08e1	Standard Specification for Thermoplastic Polyolefin Based Sheet Roofing

D 6947—07	Standard Specification for Liquid Applied Moisture Cured Polyurethane Coating Used in Spray Polyurethane Foam Roofing System
D 7158—08d	Standard Test Method for Wind Resistance of Sealed Asphalt Shingles (Uplift Force/Uplift Resistance Method)
E 84—10b	Test Methods for Surface Burning Characteristics of Building Materials
E 90—09	Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
E 96/E 96M—05	Test Method for Water Vapor Transmission of Materials
E 108—10a	Test Methods for Fire Tests of Roof Coverings
E 119—10b	Test Methods for Fire Tests of Building Construction and Materials
E 136—09b	Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C
E 330—02 (2010)	Test Method for Structural Performance of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference
E 331—00 (2009)	Test Method for Water Penetration of Exterior Windows, Skylights, Doors and Curtain Walls by Uniform Static Air Pressure Difference
E 492—09	Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-ceiling Assemblies Using the Tapping Machine
E 605—93 (2006)	Test Method for Thickness and Density of Sprayed Fire-resistive Material (SFRM) Applied to Structural Members.
E 681—09	Test Methods for Concentration Limits of Flammability of Chemical Vapors and Gases
E 736—00 (2006)	Test Method for Cohesion/Adhesion of Sprayed Fire-resistive Materials Applied to Structural Members
E 814—10	Test Method of Fire Tests of Through-penetration Firestops
E 970—10	Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source

E 1300—09a	Practice for Determining Load Resistance of Glass in Buildings.
E 1354—10a	Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter
E 1592—05	Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference
E 1602—03 (2010)e1	Guide for Construction of Solid Fuel-burning Masonry Heaters
E 1886—05	Test Method for Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Missiles and Exposed to Cyclic Pressure Differentials
E 1966—07	Test Method for Fire-resistant Joint Systems.
E 1996—09	Specification for Performance of Exterior Windows, Glazed Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricanes
E 2072—10	Standard Specification for Photoluminescent (Phosphorescent) Safety Markings
E 2273—03	Standard Test Method for Determining the Drainage Efficiency of Exterior Insulation and Finish Systems (EIFS) Clad Wall Assemblies
E 2307—10	Standard Test Method for Determining Fire Resistance of Perimeter Fire Barrier Systems Using Intermediate-scale, Multistory Test Apparatus
E 2404—10	Standard Practice for Specimen Preparation and Mounting of Textile, Paper or Vinyl Wall or Ceiling Coverings to Assess Surface Burning Characteristics
E 2568—09e1	Standard Specification for PB Exterior Insulation and Finish Systems (EIFS)
E 2570—07	Standard Test Method for Evaluating Water-resistant Barrier (WRB) Coatings Used Under Exterior Insulation and Finish Systems (EIFS) for EIFS with Drainage
E 2573—07a	Standard Practice for Specimen Preparation and Mounting of Site-fabricated Stretch Systems to Assess Surface Burning Characteristics

F 547—06	Terminology of Nails for Use with Wood and Wood-based Materials
F 1346—91 (2003)	Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs
F 1667—10	Specification for Driven Fasteners: Nails, Spikes and Staples
F 2006—10	Standard/Safety Specification for Window Fall Prevention Devices for Nonemergency Escape (Egress) and Rescue (Ingress) Windows
F 2090—10	Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms
F 2200—05	Standard Specification for Automated Vehicular Gate Construction
G 152—06	Practice for Operating Open Flame Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials
G 154—06	Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials
G 155—05a	Practice for Operating Xenon Arc Light Apparatus for Exposure of Nonmetallic Materials

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

**AWCI**  
**Standard**  
**reference**  
**number**

	<b>Title</b>
12-B—05	Technical Manual 12-B Standard Practice for the Testing and Inspection of Field Applied Thin Film Intumescent Fire-resistive Materials; an Annotated Guide, <i>Second</i> Edition

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

**AWPA**  
**Standard**

**reference**

<b>number</b>	<b>Title</b>
C1—03	All Timber Products—Preservative Treatment by Pressure Processes
M4—06	Standard for the Care of Preservative-treated Wood Products
U1—10	USE CATEGORY SYSTEM: User Specification for Treated Wood Except Section 6, Commodity Specification H

American Welding Society  
550 N.W. LeJeune Road  
Miami, FL 33126

**AWS****Standard****reference**

<b>number</b>	<b>Title</b>
D1.1—10	Structural Welding Code—Steel
D1.3—08	Structural Welding Code—Sheet Steel
D1.4—05	Structural Welding Code—Reinforcing Steel

Builders Hardware Manufacturers' Association  
355 Lexington Avenue, 17th Floor  
New York, NY 10017-6603

**BHMA****Standard****reference**

<b>number</b>	<b>Title</b>
A 156.10—05	Power Operated Pedestrian Doors
A 156.19—07	Standard for Power Assist and Low Energy Operated Doors

Canadian General Standards Board  
Place du Portage 111, 6B1  
11 Laurier Street  
Gatineau, Quebec, Canada KIA 1G6

**CGSB****Standard****Reference**

<b>Number</b>	<b>Title</b>
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37-GP-52M (1984)	Roofing and Waterproofing Membrane, Sheet Applied, Elastomeric
37-GP-56M (1985)	Membrane, Modified, Bituminous, Prefabricated and Reinforced for Roofing—with December 1985 Amendment
CAN/CGSB 37.54—95	Polyvinyl Chloride Roofing and Waterproofing Membrane

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

**CPA**  
**Standard**  
**reference**  
**number**

**Title**

ANSI A135.4—2004	Basic Hardboard
ANSI A135.5—2004	Prefinished Hardboard Paneling
ANSI A135.6—2006	Hardboard Siding

Consumer Product Safety Commission  
4330 East West Highway  
Bethesda, MD 20814-4408

**CPSC**  
**Standard**  
**reference**  
**number**

**Title**

16 CFR Part 1201(1977)	Safety Standard for Architectural Glazing Material
16 CFR Part 1209 (1979)	Interim Safety Standard for Cellulose Insulation
<i>16 CFR Part 1301(1977)</i>	<i>Ban of Unstable Refuse Bins</i>
16 CFR Part 1404 (1979)	Cellulose Insulation
16 CFR Part 1500 (1991)	Hazardous Substances and Articles; Administration and Enforcement Regulations
16 CFR Part 1500.44 (2001)	Method for Determining Extremely Flammable and Flammable Solids
16 CFR Part 1507 (2001)	Fireworks Devices

16 CFR Part 1630 (2000)                      Standard for the Surface Flammability of  
Carpets and Rugs

Canadian Standards Association  
5060 Spectrum Way, Suite 100  
Mississauga, Ontario, L4W 5N6 Canada

**CSA**

**Standard  
reference**

**number**

101/I.S.2/A440—08

**Title**

Specifications for Windows, Doors and Unit  
Skylights

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

**CSSB**

**Standard  
reference**

**number**

CSSB—97

**Title**

Grading and Packing Rules for Western Red Cedar Shakes  
and Western Red Shingles of the Cedar Shake and Shingle  
Bureau

Door and Access Systems Manufacturers Association International  
1300 Summer Avenue  
Cleveland, OH 44115-2851

**DASMA**

**Standard  
reference**

**number**

ANSI/DASMA 107—1997  
(R2004)

**Title**

Room Fire Test Standard for Garage Doors Using  
Foam Plastic Insulation

108—05

Standard Method for Testing Sectional Garage  
Doors and Rolling Doors: Determination of  
Structural Performance Under Uniform Static Air  
Pressure Difference

115—05                      Standard Method for Testing Sectional Garage  
Doors and Rolling Doors: Determination of  
Structural Performance Under Missile Impact and  
Cyclic Wind Pressure

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

**DOC**

**Standard  
reference  
number**

**Title**

PS-1—07	Structural Plywood
PS-2—04	Performance Standard for Wood-based Structural-use Panels
PS 20—05	American Softwood Lumber Standard

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

**DOL**

**Standard  
reference  
number**

**Title**

29 CFR Part 1910.1000 (1974)	Air Contaminants
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U.S. Department of Transportation  
c/o Superintendent of Documents  
1200 New Jersey Avenue, SE  
Washington, DC 20402-9325

**DOTn**

**Standard  
reference**

<b>number</b>	<b>Title</b>
49CFR Parts 100-185-2005 49 CFR Parts 173.137 (2005)	Hazardous Materials Regulations  Shippers—General Requirements for Shipments and Packaging—Class 8—Assignment of Packing Group
49 CFR—1998	Specification of Transportation of Explosive and Other Dangerous Articles, UN 0335, UN 0336 Shipping Containers

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

**EN  
Standard  
reference**

<b>number</b>	<b>Title</b>
EN 1081-98	Resilient Floor Coverings—Determination of the Electrical Resistance

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

**FEMA  
Standard  
reference**

<b>number</b>	<b>Title</b>
FIA-TB11—01	Crawlspace Construction for Buildings Located in Special Flood Hazard Areas

Factory Mutual Global Research  
Standards Laboratories Department  
1301 Atwood Avenue, P.O. Box 7500  
Johnson, RI 02919

**FM  
Standard**

**reference****number****Title**

4450 (1989)

Approval Standard for Class 1 Insulated Steel Deck Roofs—with Supplements through July 1992

4470 (2010)

Approval Standard for Class 1 Roof Covers

4474 (04)

Evaluating the Simulated Wind Uplift Resistance of Roof Assemblies Using Static Positive and/or Negative Differential Pressures

4880 (2010)

American National Standard for Evaluating Insulated Wall or Wall and Roof/ Ceiling Assemblies, Plastic Interior Finish Materials, Plastic Exterior Building Panels, Wall/Ceiling Coating Systems, Interior and Exterior Finish Systems

Gypsum Association

810 First Street N.E. #510

Washington, DC 20002-4268

**GA****Standard****reference****number****Title**

GA 216—10

Application and Finishing of Gypsum Panel Products

GA 600—09

Fire-resistance Design Manual, 18th Edition

Hardwood Plywood Veneer Association

1825 Michael Faraday Drive

Reston, VA 20190-5350

**HPVA****Standard****reference****number****Title**

HP-1—2009

Standard for Hardwood and Decorative Plywood

U.S. Department of Housing and Urban Development

451 7th Street, SW,

Washington, DC 20410

**HUD****Standard**

**reference****number**

HUD 24 CFR Part 3280 (1994)  
Safety Standards

**Title**

Manufactured Home Construction and

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

**ICC****Standard****reference****number**

ICC/ANSI A117.1—09  
ICC 300—07

**Title**

Accessible and Usable Buildings and Facilities  
ICC Standard on Bleachers, Folding and Telescopic  
Seating and

ICC 400—07

Standard on Design and Construction of Log  
Structures

ICC 500—08

ICC/NSSA Standard on the Design and  
Construction of Storm

ICC 600—08

Standard for Residential Construction in High Wind  
Regions

IEBC – 09

International Existing Buildings Code

IECC—09

International Energy Conservation Code (*adoption  
includes only section 101 of chapter 1 and chapters  
2 through 6*)

IFGC—09

International Fuel Gas Code (*including ICC  
Emergency Amendment changing IFGC Sections  
406.7*)

SBCCI SSTD 11—99

Test Standard for Determining Wind Resistance of  
Concrete or Clay Roof Tiles

International Organization for Standardization

ISO Central Secretariat,

1 ch, de la Voie-Creuse,

Case Postale 56

CH-1211 Geneva 20, Switzerland

**ISO****Standard****reference**

<b>number</b>	<b>Title</b>
ISO 8115—86	Cotton Bales—Dimensions and Density

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

**NAAMM  
Standard  
reference**

<b>number</b>	<b>Title</b>
FP 1001—07	Guide Specifications for Design of Metal Flag Poles

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

**NCMA  
Standard  
reference**

<b>number</b>	<b>Title</b>
TEK5-08	Details for Concrete Masonry Fire Walls

National Fire Protection Association  
1 Batterymarch Park  
Quincy, MA 02269-9101

**NFPA  
Standard  
reference**

<b>number</b>	<b>Title</b>
10—10	Portable Fire Extinguishers
11—10	Low Expansion Foam
12—08	Carbon Dioxide Extinguishing Systems
12A—04	Halon 1301 Fire Extinguishing Systems
13—10	Installation of Sprinkler Systems ( <i>including TIA 10-2</i> )
13D—10	Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes ( <i>including TIA 10-2</i> )

13R—10	Installation of Sprinkler Systems in Residential Occupancies Up to and Including Four Stories in Height ( <i>including TIA 10-2</i> )
14—10	Installation of Standpipe and Hose System
16—07	Installation of Foam-water Sprinkler and Foam-water Spray Systems
17—09	Dry Chemical Extinguishing Systems
17A—09	Wet Chemical Extinguishing
20—10	Installation of Stationary Pumps for Fire Protection
30—08	Flammable and Combustible Liquids Code
31—06	Installation of Oil-burning Equipment
32—07	Dry Cleaning Plants
40—11	Storage and Handling of Cellulose Nitrate Film
58—11	Liquefied Petroleum Gas Code
61—08	Prevention of Fires and Dust Explosions in Agricultural and Food Product Facilities
70— <del>11</del> <u>14</u>	National Electrical Code ( <i>including TIA 11-1</i> )
72—10	National Fire Alarm <i>and Signaling</i> Code
80—10	Fire Doors and Other Opening Protectives
85—07	Boiler and Combustion System Hazards Code (Note: NFPA 8503 has been incorporated into NFPA 85)
92B—09	Smoke Management Systems in Malls, Atria and Large Spaces
99—05	Standard for Health Care Facilities
105—10	Standard for the Installation of Smoke Door Assemblies
110—10	Emergency and Standby Power Systems
111—10	Stored Electrical Energy Emergency and Standby Power Systems
120—10	Coal Preparation Plants
170—09	Standard for Fire Safety and Emergency Symbols
211—10	Chimneys, Fireplaces, Vents and Solid Fuel-burning
252—08	Standard Methods of Fire Tests of Door Assemblies
253—06	Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source
257—07	Standard for Fire Test for Window and Glass Block Assemblies
259—08	Test Method for Potential Heat of Building Materials

265—07	Method of Fire Tests for Evaluating Room Fire Growth Contribution of Textile Wall Coverings on Full Height Panels and Walls
268—07	Standard Test Method for Determining Ignitibility of Exterior Wall Assemblies Using a Radiant Heat Energy Source
285—06	Standard Method of Test for the Evaluation of Flammability Characteristics of Exterior Nonload-bearing Wall Assemblies Containing Combustible Components
286—06	Standard Method of Fire Test for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth
288—07	Standard Method of Fire Tests of Floor Fire Door Assemblies Installed Horizontally in Fire-resistance-rated Floor Systems
409—11	Aircraft Hangars
418—06	Standard for Heliports
484—09	Combustible Metals
654—06	Prevention of Fire & Dust Explosions from the Manufacturing, Processing and Handling of Combustible Particulate Solids
655—07	Prevention of Sulfur Fires and Explosions
664—07	Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities
701—10	Standard Methods of Fire Tests for Flame-propagation of Textiles and Films
704—07	Standard System for the Identification of the Hazards of Materials for Emergency Response
1124—06	Manufacture, Transportation and Storage of Fireworks and Pyrotechnic Articles
2001—08	Clean Agent Fire Extinguishing Systems

Precast Prestressed Concrete Institute  
 175 W. Jackson Boulevard, Suite 500  
 Chicago, IL 60604-6938

**PCI**  
**Standard**  
**reference**  
**number**

**Title**

MNL 124—89	Design for Fire Resistance of Precast Prestressed Concrete
MNL 128—01	Recommended Practice for Glass Fiber Reinforced Concrete Panels

Post-Tensioning Institute  
8601 North Black Canyon Highway, Suite 103  
Phoenix, AZ 85021

**PTI**  
**Standard**  
**reference**  
**number**

**Title**

PTI—2008	Standard Requirements for Analysis of Shallow Concrete Foundations on Expansive Soils, Third Edition
PTI—2008	Standard Requirements for Design of Shallow Post-tensioned Concrete Foundation on Expansive Soils, Second Edition

Rack Manufacturers Institute  
8720 Red Oak Boulevard, Suite 201  
Charlotte, NC 28217

**RMI**  
**Standard**  
**reference**  
**number**

**Title**

ANSI/MH16.1—08	Specification for Design, Testing and Utilization of Industrial Steel Storage Racks
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Steel Deck Institute,  
P. O. Box 25  
Fox River Grove, IL 60021

**SDI**  
**Standard**  
**reference**  
**number**

**Title**

ANSI/NC1.0—06	Standard for Noncomposite Steel Floor Deck
ANSI/RD1.0—06	Standard for Steel Roof Deck

Steel Joist Institute,  
1173B London Links Drive  
Forest, VA 24551

**SJI**

**Standard  
reference  
number**

**Title**

CJ-1.0—06

Standard Specification for Composite Steel Joists,  
CJ-series

JG-1.1—05

Standard Specification for Joist Girders

K-1.1—05

Standard Specification for Open Web Steel Joists,  
K- series

LH/DLH-1.1—05

Standard Specification for Longspan Steel Joists,  
LH-series and Deep Longspan Steel Joists, DLH-  
series

Single-Ply Roofing Institute,  
411 Waverly Oaks Road, Suite 331B,  
Waltham, MA 02452

**SPRI**

**Standard  
reference  
number**

**Title**

SPRI/ANSI/ES-1—03

Wind Design Standard for Edge Systems Used with  
Low Slope Roofing Systems

RP-4—02

Wind Design Guide for Ballasted Single-ply  
Roofing Systems

Telecommunications Industry Association  
2500 Wilson Boulevard  
Arlington, VA 22201-3834

**TIA**

**Standard  
reference  
number**

**Title**

TIA-222-G—09

Structural Standards for Steel Antenna Towers and  
Antenna Supporting Structures including-Addendum 1,  
222-G-1, Dated 2007

The Masonry Society,  
3970 Broadway, Unit 201-D,  
Boulder, CO 80304-1135

### **TMS**

#### **Standard reference number**

#### **Title**

0216—07	Standard Method for Determining Fire Resistance of Concrete and Masonry Construction Assemblies
0302—07	Standard Method for Determining the Sound Transmission Class Rating for Masonry Walls
402—08	Building Code Requirements for Masonry Structures
602—08	Specification for Masonry Structures

Truss Plate Institute,  
218 N. Lee Street, Suite 312  
Alexandria, VA 22314

### **TPI**

#### **Standard reference number**

#### **Title**

TPI 1—2007	National Design Standards for Metal-plate-connected Wood Truss Construction
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Underwriters Laboratories, Inc.  
333 Pfingsten Road  
Northbrook, IL 60062-2096

### **UL**

#### **Standard reference number**

#### **Title**

9—09	Fire Tests of Window Assemblies
10A—09	Tin Clad Fire Doors
10B—08	Fire Tests of Door Assemblies
10C—09	Positive Pressure Fire Tests of Door Assemblies
14B—08	Sliding Hardware for Standard Horizontally-mounted Tin Clad Fire Doors

14C—06	Swinging Hardware for Standard Tin Clad Fire Doors Mounted Singly and in Pairs
103—10	Factory-built Chimneys, for Residential Type and Building Heating Appliances
127—08	Factory-built Fireplaces
199E—04	Outline of Investigation for Fire Testing of Sprinklers and Water Spray Nozzles for Protection of Deep Fat Fryers.
217—06	Single and Multiple Station Smoke Alarms
263—03	Standard for Fire Test of Building Construction and Materials
268—09	Smoke Detectors for Fire Protective Signaling Systems
300—05	Fire Testing of Fire Extinguishing Systems for Protection of Restaurant Cooking Areas
305—97	Panic Hardware
325—02	Door, Drapery, Gate, Louver and Window Operations and Systems—with Revisions through February 2006
555—2006	Fire Dampers
555C—2006	Ceiling Dampers
555S—99	Smoke Dampers—with Revisions through July 2006
580—2006	Test for Uplift Resistance of Roof Assemblies
641—95	Type L Low-temperature Venting Systems
710B—04	Recirculating Systems—with Revisions through April 2006
723—08	Standard for Test for Surface Burning Characteristics of Building Materials
790—04	Standard Test Methods for Fire Tests of Roof Coverings
793—08	Standards for Automatically Operated Roof Vents for Smoke and Heat
864—03	Standards for Control Units and Accessories for Fire Alarm Systems—with Revisions through March 2006
924—06	Standard for Safety Emergency Lighting and Power Equipment
1040—96	Fire Test of Insulated Wall Construction—with Revisions through June 2001
1256—02	Fire Test of Roof Deck Construction—with Revisions through January 2007
1479—03	Fire Tests of Through-penetration Firestops—with Revisions through April 2007
1482—10	Solid-fuel-type Room Heater
1715—97	Fire Test of Interior Finish Material—with Revisions through March 2004
1777—07	Chimney Liners

1784—01	Air Leakage Tests of Door Assemblies—with Revisions through December 2004
1897—04	Uplift Tests for Roof Covering Systems
1975—06	Fire Test of Foamed Plastics Used for Decorative Purposes
1994—04	Standard for Luminous Egress Path Marking Systems—with Revisions through February 2005
2017—08	Standards for General-purpose Signaling Devices and Systems
2079—04	Tests for Fire Resistance of Building Joint Systems—with Revisions through March 2006
2200—98	Stationary Engine Generator Assemblies

Underwriters Laboratories of Canada,  
7 Underwriters Road,  
Toronto, Ontario, Canada M1R3B4

**ULC**  
**Standard**  
**reference**  
**number**

CAN/ULC S102.2—2010

**Title**

Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings and Miscellaneous Materials and Assemblies—with 2000 Revisions

United States Code,  
c/o Superintendent of Documents  
U.S. Government Printing Office,  
Washington, DC 20402-9325

**USC**  
**Standard**  
**reference**  
**number**

*10 U.S.C. Sections 18233(A)(1) and 18237-1994*

18 USC Part 1, Ch.40

**Title**

Importation, Manufacture, Distribution and Storage of Explosive Materials

Window and Door Manufacturers Association  
1400 East Touhy Avenue #470  
Des Plaines, IL 60018

**WDMA  
Standard  
reference  
number**

AAMA/WDMA/CSA  
101/I.S.2/A440—08

**Title**

Specifications for Windows, Doors and Unit  
Skylights

Wire Reinforcement Institute, Inc.  
942 Main Street, Suite 300  
Hartford, CT 06103

**WRI  
Standard  
reference  
number**

WRI/CRSI—81

**Title**

Design of Slab-on-ground Foundations—with 1996 Update

**4101:2-15-01 Referenced standards.**

**1501.1 General.** This chapter lists the *codes and 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 *the title*. The application of the referenced standards shall be as specified in Section 102.5 of the building code.

**1501.2 Referenced codes:** When indicated in the OMC, the following codes refer to provisions in the listed chapters of the Administrative Code:

<i>Referenced code</i>	<i>Ohio Administrative Code chapters</i>
<i>Building Code</i>	<i>4101:1-1 to 4101:1-35</i>
<i>Fire Code</i>	<i>1301:7-1 to 1301:7-7</i>
<i>Ohio Boiler and Pressure Vessel Rules</i>	<i>4101:4-1 to 4101:4-10</i>
<i>Plumbing Code</i>	<i>4101:3-1 to 4101:3-13</i>

**1501.3 Referenced Standards.**

**ACCA** Air Conditioning Contractors of America  
2800 Shirlington Road, Suite 300  
Arlington, VA 22206

Standard reference number	Title
Manual D—95 183—2007	Residential Duct Systems Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings

**AHRI** Air-Conditioning, Heating and Refrigeration Institute  
4100 North Fairfax Drive, Suite 200  
Arlington, VA 22203

Standard reference number	Title
700—06	Purity Specifications for Fluorocarbon and Other Refrigerants

## ANSI American National Standards Institute

11 West 42nd Street  
New York, NY 10036

Standard  
reference  
number

Title

Z21.8—1994 (R2002) Installation of Domestic Gas Conversion Burners

## ASHRAE American Society of Heating, Refrigerating and Air-Conditioning

Engineers, Inc.  
1791 Tullie Circle, NE  
Atlanta, GA 30329

Standard  
reference  
number

Title

*Handbook—2009* ASHRAE Fundamentals Handbook—  
15—2010 Safety Standard for Refrigeration Systems  
34—2010 Designation and Safety Classification of Refrigerants  
62.1—2010 Ventilation for Acceptable Indoor Air Quality  
62.2. -2010 *Ventilation for Acceptable Indoor Air Quality in Low-Rise Residential  
Buildings*  
170-2008 *Ventilation of Health Care Facilities (with addendums a through h-  
2011)*

## ASME American Society of Mechanical Engineers

Three Park Avenue  
New York, NY 10016-5990

Standard  
reference  
number

Title

B1.20.1—1983 (R2006) Pipe Threads, General Purpose (Inch  
B16.3—2006 Malleable Iron Threaded Fittings, Classes 150 & 300  
B16.5—2009 Pipe Flanges and Flanged Fittings NPS 1/2 through NPS 24—  
B16.9—2007 Factory Made Wrought Steel Buttwelding Fittings  
B16.11—2009 Forged Fittings, Socket-welding and Threaded  
B16.15—2006 Cast Bronze Threaded Fittings  
B16.18—2001  
(Reaffirmed 2005) Cast Copper Alloy Solder Joint Pressure Fittings

B16.22—2001 (Reaffirmed 2005)	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings
B16.23—2002 (Reaffirmed 2006)	Cast Copper Alloy Solder Joint Drainage Fittings DWV
B16.24—2006	Cast Copper Alloy Pipe Flanges and Flanged Fittings: Class 150, 300, 400, 600, 900, 1500 and
B16.26—2006	Cast Copper Alloy Fittings for Flared Copper Tubes
B16.28—1994	Wrought Steel Butt welding Short Radius Elbows and Returns
B16.29—2007	Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings-
B31.9—2010	Building Services Piping
BPVC—2010	Boiler & Pressure Vessel Code
<i>BPVC Section IX-2010</i>	<i>Welding and Brazing Qualifications</i>
CSD-1—2009	Controls and Safety Devices for Automatically Fired <u>Boilers</u>

## ASSE American Society of Sanitary Engineering

901 Canterbury, Suite A  
Westlake, OH 44145

Standard  
reference  
number

Title

1017—09 Temperature Actuated Mixing *Valves* for Hot Water Distribution Systems

## ASTM ASTM International

100 Barr Harbor Drive  
West Conshohocken, PA 19428

Standard  
reference  
number

Title

A 53/A 53M—10	Specification for Pipe, Steel, Black and Hot-dipped, Zinc-coated Welded and Seamless
A 106/A106M—10	Specification for Seamless Carbon Steel Pipe for High-Temperature Service
A 126—04 (2009)	Specification for Gray Iron Castings for Valves, Flanges and Pipe Fittings
A 254—97 (2007)	Specification for Copper Brazed Steel Tubing
A 420/A 420M—10	Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Low-Temperature Service
A 539—99	Specification for Electric-Resistance-Welded Coiled Steel Tubing for Gas and Fuel Oil Lines
B 32—08	Specification for Solder Metal
B 42—10	Specification for Seamless Copper Pipe, Standard Sizes
B 43—09	Specification for Seamless Red Brass Pipe, Standard

B 68—02	Specification for Seamless Copper Tube, Bright Annealed
B 75—02	Specification for Seamless Copper
B 88—09	Specification for Seamless Copper Water
B 135—10	Specification for Seamless Brass Tube
B 251—10	Specification for General Requirements for Wrought Seamless Copper and Copper-alloy Tube
B 280—08	Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service
B 302—07	Specification for Threadless Copper Pipe, Standard
B 813—10	Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube
C 315—07	Specification for Clay Flue Liners and Chimney Pots
C 411—05	Test Method for Hot-surface Performance of High-temperature Thermal Insulation
D 56—05 (2010)	Test Method for Flash Point by Tag Closed Tester
D 93—10a	Test Method for Flash Point of Pensky-Martens Closed Cup Tester
D 1527—99(2005)	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80
D 1693—08	Test Method for Environmental Stress-Cracking of Ethylene Plastics
D 1785—06	Specification for Poly (Vinyl Chloride)(PVC) Plastic Pipe, Schedules 40, 80 and 120
D 2235—04	Specifications for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings
D 2241—09	Specification for Poly (Vinyl Chloride)(PVC) Pressure-rated Pipe (SDR-Series)
D 2282—99(2005)	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (SDR-PR)
D 2412—10	Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-plate Loading
D 2447—03	Specification for Polyethylene (PE) Plastic Pipe, Schedules 40 and 80, Based on Outside Diameter
D 2466—06	Specification for Poly (Vinyl Chloride)(PVC) Plastic Pipe Fittings, Schedule 40
D 2467—06	Specification for Poly (Vinyl Chloride)(PVC) Plastic Pipe Fittings, Schedule 80
D 2468—96a	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 40
D 2513—09a	Specification for Thermoplastic Gas Pressure Pipe, Tubing, and
D 2564—04(2009)e01	Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems
D 2657—07	Standard Practice for Heat Fusion Joining of Polyolefin Pipe and Fittings
D 2683—10	Specification for Socket-type Polyethylene Fittings for Outside Diameter-controlled Polyethylene Pipe and Tubing
D 2837—08	Test Method for Obtaining Hydrostatic Design Basis for Thermoplastic Pipe Materials or Pressure Design Basis for Thermoplastic Pipe Products
D 2846/D 2846M—09b	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic

	Hot and Cold Water Distribution Systems
D 2996—01(2007)e01	Specification for Filament-wound Fiberglass (Glass Fiber Reinforced Thermosetting Resin) Pipe
D 3035—08	Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter
D 3278—96(2004)e01	Test Methods for Flash Point of Liquids by Small Scale Closed-cup Apparatus
D 3261—10a	Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and
D 3309—96a(2002)	Specification for Polybutylene (PB) Plastic Hot and Cold Water Distribution Systems
D 3350—10	Specification for Polyethylene Plastics Pipe and Fittings Materials
E 84—10b	Test Method for Surface Burning Characteristics of Building Materials
E 119—10b	Test Method for Fire Tests of Building Construction and
E 136—09b	Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 Degrees C
E 814—10	Test Method for Fire Tests of Through-penetration Fire
E 1509—04	Specification for Room Heaters, Pellet Fuel-burning
E 2231—09	Standard Practice For Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess Surface Burning Characteristics
E 2336-04 (2009)	Standard Test Methods for Fire Resistive Grease Duct Enclosure Systems
F 438—09	Specification for Socket Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40
F 439—09	Specification for Socket Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80
F 441/F 441M—09	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and
F 442/F 442M—09	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR).
F 493—10	Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings
F 876—10	Specification for Crosslinked Polyethylene (PEX) Tubing
F 877—07	Specification for Crosslinked Polyethylene (PEX) Plastic Hot and Cold Water Distribution Systems.
F 1055—98(2006)	Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene Pipe and
F 1281—07	Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe
F 1282—10	Standard Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe
F 1476-07	Specification for Performance of Gasketed Mechanical Couplings for Use in Piping Applications
F 1924—05	Standard Specification for Plastic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing
F 1974—09	Standard Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked

	Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe
F 2389—10	Specification for Pressure-Rated Polypropylene Piping Systems
F 2623—08	Standard Specification for Polyethylene of Raised Temperature (PE-RT) SDR 9 Tubing1

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**AWS** American Welding Society  
 550 N.W. LeJeune Road P.O. Box 351040  
 Miami, FL 33135

Standard  
 reference  
 number

Title

A5.8—2004	Specifications for Filler Metals for Brazing and Braze Welding.
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**AWWA** American Water Work Association  
 6666 West Quincy Avenue  
 Denver, CO 80235

Standard  
 reference  
 number

Title

C110/A21.10—08	Standard for Ductile Iron & Gray Iron Fittings, 2 inches Through 48 inches for Water
C115/A21.15—05	Standard for Flanged Ductile-iron Pipe with Ductile Iron or Grey-iron Threaded Flanges
C151/A21.51—09	Standard for Ductile-Iron Pipe, Centrifugally Cast for Water
C153/A21.53—06	Standard for Ductile-Iron Compact Fittings for Water Service

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**CSA** Canadian Standards Association  
 5060 Spectrum Way Mississauga,  
 Ontario, Canada L4W 5N6

Standard  
 reference  
 number

Title

B137.9-M91 CAN/CSA	Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure-Pipe Systems
B137.10—05	Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene Composite Pressure-Pipe Systems

ANSI CSA America

FC1-04

Stationary Fuel Cell Power Systems

**DOL** Department of Labor Occupational Safety and Health Administration

c/o Superintendent of Documents  
 US Government Printing Office  
 Washington, DC 20402-9325

Standard  
 reference  
 number

Title

29CFRPart 1910.1000 (1974)	Air Contaminants
29CFRPart 1910. 1025	Toxic and Hazardous Substances

**FS** Federal Specifications\*

General Services Administration  
 7th & D Streets Specification Section, Room 6039  
 Washington, DC 20407

Standard  
 reference  
 number

Title

WW-P-325B (1976)	Pipe, Bends, Traps, Caps and Plugs; Lead (for Industrial Pressure and Soil and Waste Applications)
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\*Standards are available from the Supt. of Documents, U.S. Government Printing Office, Washington, DC 20402-9325.

**ICC** International Code Council, Inc.

500 New Jersey Ave, NW  
 6th FloorICC  
 Washington, DC 20001

Standard  
 reference  
 number

Title

IFGC—09	International Fuel Gas Code ( <i>including ICC Emergency Amendment changing IFGC Sections 406.7</i> )
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## **IIAR** International Institute of Ammonia Refrigeration

1110 North Glebe Road  
Arlington, VA 22201

Standard reference number	Title
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2—99 (with Addendum A-2005)	Equipment, Design, and Installation of Ammonia Mechanical Refrigerating Systems
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## **MSS** Manufacturers Standardization Society of the Valve & Fittings Industry, Inc. 1

27 Park Street, N.E.  
Vienna, VA 22180

Standard reference number	Title
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SP-69—2003	Pipe Hangers and Supports—Selection and Application
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## **NAIMA** North American Insulation Manufacturers Association

44 Canal Center Plaza, Suite 310 Alexandria, VA 22314

Standard reference number	Title
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AH116—02	Fibrous Glass Duct Construction Standards
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## **NFPA** National Fire Protection Association

1 Batterymarch Park  
Quincy, MA 02169-7471

Standard reference number	Title
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30A—08	Code for Motor Fuel-dispensing Facilities and Repair Garages
31—06	Installation of Oil-burning Equipment

37—10	Stationary Combustion Engines and Gas Turbines
58—11	Liquefied Petroleum Gas Code
69—08	Explosion Prevention Systems
70— <del>11</del> 14	National Electrical Code
72—10	National Fire Alarm <i>and Signaling</i> Code
75—09	<i>Protection of Information Technology Equipment</i>
82—09	Incinerators and Waste and Linen Handling Systems and Equipment
85—07	<i>Boiler and Combustion Systems Hazards Code</i>
91—10	Exhaust Systems for Air Conveying of Vapors, Gases, and Noncombustible Particulate Solids
92B—09	Smoke Management Systems in Malls, Atria and Large Spaces
211—10	Chimneys, Fireplaces, Vents and Solid Fuel-burning Appliances
262—07	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-handling Spaces
704—07	Identification of the Hazards of Materials for Emergency Response
853—10	Installation of Stationary Fuel Power Plants

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## SMACNA

 Sheet Metal & Air Conditioning Contractors National Assoc., Inc.

4201 Lafayette Center Drive  
Chantilly, VA 20151-1209

Standard  
reference  
number

Title

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SMACNA/ANSI—2005	HVAC Duct Construction Standards—Metal and Flexible (2005)
SMACNA—03	Fibrous Glass Duct Construction Standards

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## UL

 Underwriters Laboratories, Inc.

333 Pfingsten Road  
Northbrook, IL 60062-2096

Standard  
reference  
number

Title

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17—08	Vent or Chimney Connector Dampers for Oil-fired Appliances
103—10	Factory-built Chimneys, Residential Type and Building Heating Appliance
127—08	Factory-built Fireplaces
174—04	Household Electric Storage Tank Water Heaters—with Revisions through May 2006

181—05	Factory-made Air Ducts and Air Connectors—with Revisions through December 1998
181A—05	Closure Systems for Use with Rigid Air Ducts and Air Connectors—with Revisions through December 1998
181B—05	Closure Systems for Use with Flexible Air Ducts and Air Connectors—with Revisions through December 1998
207—01	Refrigerant-containing Components and Accessories, Nonelectrical—with Revisions through November 2004
263—03	Standard for Fire Test of Building Construction and Materials
268—09	Smoke Detectors for Fire Prevention Signaling Systems
268A—08	Smoke Detectors for Duct Applications
343—08	Pumps for Oil-Burning Appliances
391—10	Solid-fuel and Combination-fuel Central and Supplementary Furnaces
412—04	Refrigeration Unit Coolers—with Revisions through February 2007 .
471—10	Commercial Refrigerators and Freezers
508—99	Industrial Control Equipment—with Revisions through July 2005
536—97	Flexible Metallic Hose—with Revisions through June 2003
555—06	Fire Dampers—with Revisions through January 2002.
555C—06	Ceiling Dampers
555S—99	Smoke Dampers—with Revisions through July 2006
586—09	High-efficiency, Particulate, Air Filter Units
641—95	Type L Low-temperature Venting Systems—with Revisions through August 2005
710—95	Exhaust Hoods for Commercial Cooking Equipment—with Revisions through February 2007.
710B—04	Recirculating Systems
723—08	Standard for Test for Surface Burning Characteristics of Building Materials
726—95	Oil-fired Boiler Assemblies—with Revisions through March 2006
727—06	Oil-fired Central Furnaces
729—03	Oil-fired Floor Furnaces—with Revisions through January 1999
730—03	Oil-fired Wall Furnaces—with Revisions through January 1999
731—95	Oil-fired Unit Heaters—with Revisions through February 2006
732—95	Oil-fired Storage Tank Water Heaters—with Revisions through February 2005
737—07	Fireplace Stoves
762—03	Outline of Investigation for Power Ventilators for Restaurant Exhaust Appliances
791—06	Residential Incinerators.
834—04	Heating, Water Supply and Power Boilers Electric—with Revisions through March 2006
858—05	Household Electric Ranges—with Revisions through April 2006
867—00	Electrostatic Air Cleaners—with Revisions through May 2004
875—09	Electric Dry Bath Heater
896—93	Oil-burning Stoves—with Revisions through May 2004
900—04	Air Filter Units
923—08	Microwave Cooking Appliances
959—01	Medium Heat Appliance Factory-built Chimneys—with Revisions through September 2006
1240—05	Electric Commercial Clothes

1261—01	Electric Water Heaters for Pools and Tubs—with Revisions through June 2004
1453—04	Electric Booster and Commercial Storage Tank Water Heaters—with Revisions through May 2006
1482—10	Solid-fuel Type Room Heaters
1777—07	Chimney Liners .
1812—09	Standard for Ducted Heat Recovery Ventilators
1815—09	Standard for Nonducted Heat Recovery Ventilators
1820—04	Fire Test of Pneumatic Tubing for Flame and Smoke Characteristics
1887—04	Fire Tests of Plastic Sprinkler Pipe for Visible Flame and Smoke Characteristics
1978—05	Grease Ducts
1995—05	Heating and Cooling Equipment .
2158—97	Electric Clothes Dryers—with Revisions through May 2004
2162—01	Outline of Investigation for Commercial Wood-fired Baking Ovens—Refractory Type
2200—98	Stationery Engine Generator Assemblies
2221—10	Tests of Fire Resistive Grease Duct Enclosure Assemblies

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### 4101:3-13-01 Referenced standards.

**1301.1 General.** This chapter lists the *codes and 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 *the title*. The application of the referenced standards shall be as specified in Section 102.5 of the building code.

**1301.2 Referenced codes.** When indicated in the “OPC”, the following codes refer to provisions in the listed chapters of the Administrative Code:

<i>Referenced code</i>	<i>Ohio Administrative Code chapters</i>
<i>Building Code</i>	<i>4101:1-1 to 4101:1-35</i>
<i>Fire Code</i>	<i>1301:7-1 to 1301:7-7</i>
<i>Mechanical Code</i>	<i>4101:2-1 to 4101:2-15</i>
<i>Ohio Boiler and Pressure Vessel Rules</i>	<i>4101:4-1 to 4101:4-10</i>

### 1301.3 Referenced Standards.

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

Standard Referenced	Title
A118.10-10	Specifications for Load Bearing, Bonded, Waterproof Membranes for Thin Set Ceramic Tile and Dimension Stone Installation
Z4.3—95 (R2005)	Minimum Requirements for Nonsewered Waste-Disposal Systems ( <i>Standard is developed by the Portable Sanitation Association International-PSAI</i> )
Z21.22—99 (R2003)	Relief Valves for Hot Water Supply Systems with Addenda Z21.22a-2000 (R2003) and Z21.22b-2001 (R2003) ( <i>Standard is developed by the Canadian Standards Association-CSA and is the same as CSA 4.4-M99</i> )
Z124.1.2—05	Plastic Bathtub and Shower Units ( <i>Standard is developed by IAPMO</i> )
Z124.3—05	Plastic Lavatories ( <i>Standard is developed by IAPMO</i> )
Z124.4—06	Plastic Water Closet Bowls and Tanks ( <i>Standard is developed by IAPMO</i> )
Z124.6—07	Plastic Sinks ( <i>Standard is developed by IAPMO</i> )
Z124.9—04	Plastic Urinal Fixtures. ( <i>Standard is developed by IAPMO</i> )

## AHRI

Air-Conditioning, Heating, & Refrigeration Institute  
4100 North Fairfax Drive, Suite 200  
Arlington, VA 22203

Standard Referenced	Title
1010—02 Coolers	Self-contained, Mechanically Refrigerated Drinking-Water

## ASME

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

Standard Referenced	Title
A112.1.2—2004	Air Gaps in Plumbing Systems
A112.1.3—2000 (R 2005)	Air Gap Fittings for Use with Plumbing Fixtures, Appliances and Appurtenances
A112.3.1—2007	Stainless Steel Drainage Systems for Sanitary, DWV, Storm and Vacuum Applications Above and Below Ground
A112.3.4—2000 (R 2004)	Macerating Toilet Systems and Related Components
A112.4.1—2009	Water Heater Relief Valve Drain Tubes
A112.4.3—1999 (R 2004)	Plastic Fittings for Connecting Water Closets to the Sanitary Drainage System
A112.6.1M—1997 (R2002)	Floor-affixed Supports for Off-the-floor Plumbing Fixtures for Public Use
A112.6.2—2000 (R2004)	Framing-affixed Supports for Off-the-floor Water Closets with Concealed Tanks
A112.6.3—2001 (R 2007)	2001 Floor and Trench Drains
A112.6.7—2001 (R 2007)	Enameled and Epoxy-coated Cast-iron and PVC Plastic Sanitary Floor Sinks
A112.14.1—2003	Backwater Valves
A112.14.3—2000	Grease Interceptors
A112.14.4—2001(R2007)	Grease Removal Devices
A112.18.1-2005	Plumbing Supply Fittings
CSA B125.1-2005/A112.18.2-2005	Plumbing Waste Fittings
CSA B125.2-2005/A112.18.3-2002	Performance Requirements for Backflow Protection Devices and Systems in Plumbing Fixture Fittings
A112.18.6—2009	Flexible Water Connectors.
A112.18.7—1999 (R2004)	Deck mounted Bath/Shower Transfer Valves with Integral Backflow Protection
A112.19.1M—2008	Enameled Cast Iron Plumbing Fixtures
A112.19.2—2008	Vitreous China Plumbing Fixtures and Hydraulic Requirements for Water Closets and Urinals .

A112.19.3M—2008	Stainless Steel Plumbing Fixtures (Designed for Residential Use)
A112.19.4M—1994 (R 2004)	Porcelain Enameled Formed Steel Plumbing Fixtures.
A112.19.5—2005	Trim for Water-closet Bowls, Tanks and Urinals
A112.19.6—1995	Hydraulic Performance Requirements for Water Closets and Urinals
A112.19.7M—2006	HydromassageBathtub Appliances
A112.19.8M—2007	Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, Hot Tubs
A112.19.9M—1991(R2002)	Nonvitreous Ceramic Plumbing Fixtures with 2002 Supplement
A112.19.12—2006	Wall Mounted and Pedestal Mounted, Adjustable, Elevating, Tilting and Pivoting Lavatory, Sink and Shampoo Bowl Carrier Systems and Drain Systems
A112.19.13—2001 (R2007)	ElectrohydraulicWater Closets
A112.19.15— 2005	Bathtub/Whirlpool Bathtubs with Pressure Sealed Doors
A112.19.19—2006	Vitreous ChinaNonwaterUrinals
A112.21.2M—1983	Roof Drains
A112.36.2M—1991(R2002)	Cleanouts
B1.20.1—1983(R2006)	Pipe Threads, General Purpose (inch
B16.3—2006	Malleable Iron Threaded Fittings Classes 150 and 300
B16.4—2006	Gray Iron Threaded Fittings Classes 125 and 250
B16.9—2007	Factory-made Wrought Steel Buttwelding Fittings.
B16.11—2009	Forged Fittings, Socket-welding and Threaded.
B16.12—2009	Cast-iron Threaded Drainage Fittings
B16.15—2006	Cast Bronze Threaded Fittings
B16.18—2001(R 2005)	Cast Copper Alloy Solder Joint Pressure Fittings
B16.22—2001 (R2005)	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings
B16.23—2002 (R 2006)	Cast Copper Alloy Solder Joint Drainage Fittings DWV
B16.26—2006	Cast Copper Alloy Fittings for Flared Copper Tubes .
B16.28—1994	Wrought Steel Buttwelding Short Radius Elbows and Returns
B16.29—2007	Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings (DWV)
<i>BPVC Section IX-2010</i>	<i>Welding and Brazing Qualifications.</i>

## ASSE American Society of Sanitary Engineering

901 Canterbury Road, Suite A  
Westlake, OH 44145

Standard Referenced	Title
1001—08	Performance Requirements for Atmospheric Type Vacuum Breakers
1002—08	Performance Requirements for Antisiphon Fill Valves (Ballcocks) for Gravity Water Closet Flush Tanks

1003—09	Performance Requirements for Water Pressure Reducing Valves .
1004—08	Performance Requirements for Backflow Prevention Requirements for Commercial Dishwashing Machines .
1005—99	Performance Requirements for Water Heater Drain Valves.
1006—86	Performance Requirements for Residential Use Dishwashers.
1007—86	Performance Requirements for Home Laundry Equipment
1008—06	Performance Requirements for Household Food Waste Disposer Units
1009—90	Performance Requirements for Commercial Food Waste Grinder Units
1010—04	Performance Requirements for Water Hammer Arresters
1011—04	Performance Requirements for Hose Connection Vacuum Breakers
1012—09	Performance Requirements for Backflow Preventers with Intermediate Atmospheric Vent .
1013—09	Performance Requirements for Reduced Pressure Principle Backflow Preventers and Reduced Pressure Fire Protection Principle Backflow Preventers
1015—09	Performance Requirements for Double Check Backflow Prevention Assemblies and Double Check Fire Protection Backflow Prevention Assemblies
1016—05	Performance Requirements for Individual Thermostatic, Pressure Balancing and Combination Control Valves for Individual Fixture Fittings
1017—09	Performance Requirements for Temperature Actuated Mixing Valves for Hot Water Distribution Systems.
1018—01	Performance Requirements for Trap Seal Primer Valves; Potable Water Supplied
1019—04	Performance Requirements for Vacuum Breaker Wall Hydrants, Freeze Resistant, Automatic Draining Type
1020—04	Performance Requirements for Pressure Vacuum Breaker Assembly
1022—03	Performance Requirements for Backflow Preventer for Beverage Dispensing Equipment
1024—04	Performance Requirements for Dual Check Valve Type Backflow Preventers (for Residential Supply Service or Individual Outlets
1035—08	Performance Requirements for Laboratory Faucet Backflow Preventers
1037—90	Performance Requirements for Pressurized Flushing Devices for Plumbing Fixtures
1044—01	Performance Requirements for Trap Seal Primer Devices Drainage Types and Electronic Design Types
1047—09	Performance Requirements for Reduced Pressure Detector Fire Protection BackflowPrevention Assemblies
1048—09	Performance Requirements for Double Check Detector Fire Protection BackflowPrevention Assemblies
1050—09	Performance Requirements for Stack Air Admittance Valves for Sanitary Drainage Systems .

1051—09	Performance Requirements for Individual and Branch Type Air Admittance Valves for Sanitary Drainage Systems—fixture and Branch Devices
1052—04	Performance Requirements for Hose Connection Backflow Preventers
1055—09	Performance Requirements for Chemical Dispensing Systems
1056—01	Performance Requirements for Spill Resistant Vacuum Breaker
1060—06	Performance Requirements for Outdoor Enclosures for Backflow Prevention Assemblies
1061—06	Performance Requirements for Removable and Nonremovable Push Fit Fittings
1062—06	Performance Requirements for Temperature Actuated, Flow Reduction Valves to Individual Fixture Fittings
1066—97	Performance Requirements for Individual Pressure Balancing In-line Valves for Individual Fixture Fittings
1069—05	Performance Requirements for Automatic Temperature Control Mixing Valves
1070—04	Performance Requirements for Water-temperature Limiting Devices
1072—07	Performance Requirements for Barrier Type Floor Drain Trap Seal Protection Devices
1079—05	Dielectric Pipe Unions.
5013—09	Performance Requirements for Testing Reduced Pressure Principle Backflow Prevention Assembly (RPA) and Reduced Pressure Fire Protection Principle Backflow Preventers (RFP)
5015—09	Performance Requirements for Testing Double Check Valve Backflow Prevention Assembly (DCVA)
5020—09	Performance Requirements for Testing Pressure Vacuum Breaker Assembly (PVBA)
5047—09	Performance Requirements for Testing Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies (RPDA) .
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5052—09	Performance Requirements for Testing Hose Connection Backflow Preventers
5056—09	Performance Requirements for Testing Spill Resistant Vacuum Breaker.

**ASTM** ASTM International

100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959

Standard  
Referenced

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A 74—09	Specification for Cast-iron Soil Pipe and Fittings
A 312/A 312M—09	Specification for Seamless and Welded Austenitic Stainless Steel Pipes
A 733—03 (2009)e1	Specification for Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples
A 778—01(2009)e1	Specification for Welded Unannealed Austenitic Stainless Steel Tubular Products
A 888—09	Specification for Hubless Cast-iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Application
B 32—08	Specification for Solder Metal
B 42—10	Specification for Seamless Copper Pipe, Standard Sizes
B 43—09	Specification for Seamless Red Brass Pipe, Standard Sizes
B 75—02	Specification for Seamless Copper Tube
B 88—09	Specification for Seamless Copper Water Tube
B 152/B 152M—09	Specification for Copper Sheet, Strip Plate and Rolled Bar
B 251—10	Specification for General Requirements for Wrought Seamless Copper and Copper-alloy Tube
B 302—07	Specification for Threadless Copper Pipe, Standard Sizes
B 306—09	Specification for Copper Drainage Tube (DWV)
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B 687—99(2005)e01	Specification for Brass, Copper and Chromium-plated Pipe Nipples
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C 14—07	Specification for Nonreinforced Concrete Sewer, Storm Drain and Culvert Pipe.
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C 296-00 (2009)e1	Specification for Asbestos-cement Pressure Pipe
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C 1440—08	Specification for Thermoplastic Elastomeric (TPE) Gasket Materials for Drain, Waste, and Vent (DWV), Sewer, Sanitary and Storm Plumbing Systems
C 1460—08	Specification for Shielded Transition Couplings for Use with Dissimilar DWV Pipe and Fittings Above Ground
C 1461—08	Specification for Mechanical Couplings Using Thermoplastic Elastomeric (TPE) Gaskets for Joining Drain, Waste and Vent (DWV) Sewer, Sanitary and Storm Plumbing Systems for Above and Below Ground Use
C 1540—09a	Specification for Heavy Duty Shielded Couplings Joining Hubless Cast-iron Soil Pipe and Fittings
C 1563—08	Standard Test Method for Gaskets for Use in Connection with Hub and Spigot Cast Iron Soil Pipe and Fittings for Sanitary Drain, Waste, Vent and Storm Piping Applications
D 1527—99(2005)	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80
D 1785—06	Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80 and 120
D 1869—95(2005)e1	Specification for Rubber Rings for Asbestos-cement Pipe
D 2235—04	Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings
D 2239—03	Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter
D 2241—09	Specification for Poly (Vinyl Chloride) (PVC) Pressure-rated Pipe (SDR-Series)
D 2282—(2005)99e01	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (SDR-PR)
D 2464—06	Specification for Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80
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D 2564—04 (2009) e01	Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems
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D 3261—10a	Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic fittings for Polyethylene (PE) Plastic Pipe and Tubing
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F 439—09	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80
F 441/F 441M—09	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80
F 442/F 442M—09	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR)
F 477—10	Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe
F 493—10	Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings

F 628—08	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe with a Cellular Core
F 656—10	Specification for Primers for Use in Solvent Cement Joints of Poly (Vinyl Chloride) (PVC) Plastic Pipe and Fittings
F 714—08	Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Outside Diameter
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F 1055—98(2006)	Standard Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene Pipe and Tubing
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F 2159—10	Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing
F 2262—09	Specification for Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene Tubing OD Controlled SDR9

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F 2389—10	Specification for Pressure-rated Polypropylene (PP) Piping Systems
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## **AWS** American Welding Society

550 N.W. LeJeune Road  
Miami, FL 33126

Standard  
Referenced

Title

A5.8—04	Specifications for Filler Metals for Brazing and Braze Welding
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## **AWWA** American Water Works Association

6666 West Quincy Avenue  
Denver, CO 80235

Standard  
Referenced

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C104/A21.4-08	Standard for Cement-mortar Lining for Ductile-iron Pipe and Fittings for Water
C110/A21.10—08	Standard for Ductile-iron and Gray-iron Fittings, 3 Inches through 48 Inches, for Water
C111/A21.11-06	Standard for Rubber-gasket Joints for Ductile-iron Pressure Pipe and Fittings
C115/A21.15—05	Standard for Flanged Ductile-iron Pipe with Ductile-iron or Gray-iron Threaded Flanges
C151/A21.51—09	Standard for Ductile-iron Pipe, Centrifugally Cast for Water
C153/A21.53—06	Standard for Ductile-iron Compact Fittings for Water Service
C510—07	Double Check Valve Backflow Prevention Assembly
C511—07	Reduced-pressure Principle Backflow Prevention Assembly
C651—05	Disinfecting Water Mains
C652—02	Disinfection of Water-storage Facilities

## CISPI

Cast Iron Soil Pipe Institute

5959 Shallowford Road, Suite 419

Chattanooga, TN 37421

Standard Referenced	Title
301—09	Specification for Hubless Cast-iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste and Vent Piping Applications
310—09	Specification for Coupling for Use in Connection with Hubless Cast-iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste and Vent Piping Applications

## CSA

Canadian Standards Association

5060 Spectrum Way.

Mississauga, Ontario, Canada L4W 5N6

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B45.2—02 (R2008)	Enameled Cast-iron Plumbing Fixtures
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B45.4—02 (R2008)	Stainless-steel Plumbing Fixtures
B45.5—02 (R2008)	Plastic Plumbing Fixtures
B45.9—99 (R2008)	Macerating Systems and Related Components
B64.1.2—07	Vacuum Breakers, Pressure Type (PVB)
B64.2.1—07	Vacuum Breakers, Hose Connection Type (HCVB) with Manual Draining Feature
B64.2.1.1—07	Vacuum Breakers, Hose Connection Dual Check Type (HCDVB)
B64.4.1—07	Backflow Preventers, Reduced Pressure Principle Type for Fire Sprinklers (RPF)
B64.5—07	Backflow Preventers, Double Check Type (DCVA)
B64.5.1—07	Backflow Preventers, Double Check Type for Fire Systems (DCVAF)
B64.6—07	Backflow Preventers, Dual Check Valve Type (DuC)
B64.7—07	Vacuum Breakers, Laboratory Faucet Type (LFVB)
B64.10/B64.10.1—07	Manual for the Selection and Installation of Backflow Prevention Devices/Manual for the Maintenance and Field Testing of Backflow Prevention Devices
B79—08	Floor, Area and Shower Drains, and Cleanouts for Residential Construction
B125—01	Plumbing Fittings
B125.3—2005	Plumbing Fittings

B137.1-09	Polyethylene Pipe, Tubing and Fittings for Cold Water Pressure Services
B137.2-09	PVC Injection-moulded Gasketed Fittings for Pressure Applications
B137.3-09	Rigid Poly (Vinyl Chloride) (PVC) Pipe for Pressure Applications
B137.5-09	Cross-linked Polyethylene (PEX) Tubing Systems for Pressure Applications—with Revisions through September 1992
B137.6-09	CPVC Pipe, Tubing and Fittings for Hot and Cold Water Distribution Systems— with Revisions through May 1986 B137.11—02 Polypropylene (PP-R) Pipe and Fittings for Pressure Applications
B181.1—06	ABS Drain, Waste and Vent Pipe and Pipe Fittings
B181.2—06	PVC Drain, Waste, and Vent Pipe and Pipe Fittings— with Revisions through December 1993
B182.1—06	Plastic Drain and Sewer Pipe and Pipe Fittings
B182.2—06	PVC Sewer Pipe and Fittings (PSM Type)
B182.4—06	Profile PVC Sewer Pipe and Fittings
B182.6—06	Profile Polyethylene Sewer Pipe and Fittings for Leak-proof Sewer Applications
B182.8—06	Profile Polyethylene Storm Sewer and Drainage Pipe and Fittings
CAN/CSA-A257.1M—09	Circular Concrete Culvert, Storm Drain, Sewer Pipe and Fittings
CAN/CSA-A257.2M—09	Reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe and Fittings
CAN/CSA-A257.3M—09	Joints for Circular Concrete Sewer and Culvert Pipe, Manhole Sections and Fittings Using Rubber Gaskets
CAN/CSA-B64.1.1—07	Vacuum Breakers, Atmospheric Type (AVB)
CAN/CSA-B64.2—07	Vacuum Breakers, Hose Connection Type (HCVB).
CAN/CSA-B64.2.2—07	Vacuum Breakers, Hose Connection Type (HCVB) with Automatic Draining Feature
CAN/CSA-B64.3—07	Backflow Preventers, Dual Check Valve Type with Atmospheric Port (DCAP)
CAN/CSA-B64.4—07	Backflow Preventers, Reduced Pressure Principle Type (RP)
CAN/CSA-B64.10—07	Manual for the Selection, Installation, Maintenance and Field Testing of Backflow Prevention Devices
CAN/CSA-B137.9—09	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipe Systems
CAN/CSA-B137.10M—09	Cross-linked Polyethylene/Aluminum/Polyethylene Composite Pressure Pipe Systems
CAN/CSA-B181.3—06	Polyolefin Laboratory Drainage Systems
CAN/CSA-B182.4—06	Profile PVC Sewer Pipe and Fittings
CAN/CSA-B602—10	Mechanical Couplings for Drain, Waste and Vent Pipe and Sewer Pipe

500 New Jersey Ave, NW 6th Floor  
Washington, DC 20001

Standard Referenced	Title
IFGC—09	International Fuel Gas Code ( <i>including ICC Emergency Amendment changing IFGC Sections 406.7</i> )

## **ISEA** International Safety Equipment Association

1901 N. Moore Street, Suite 808  
Arlington, VA 22209

Standard Referenced	Title
Z358.1—09	Emergency Eyewash and Shower Equipment

## **NFPA** National Fire Protection Association

1 Batterymarch Park  
Quincy, MA 02169-7471

Standard Referenced	Title
70— <del>11</del> 14 99C—05	National Electrical Code Gas and Vacuum Systems

## **NSF** NSF International

789 Dixboro Road  
Ann Arbor, MI 48105

Standard Referenced	Title
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14—2010	Plastic Piping System Components and Related Materials
18—2009	Manual Food and Beverage Dispensing Equipment
42—2009	Drinking Water Treatment Units—Aesthetic Effects
44—2009	Residential Cation Exchange Water Softeners
53—2009e	Drinking Water Treatment Units—Health Effects.
58—2009	Reverse Osmosis Drinking Water Treatment Systems
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372-2010

*Drinking Water System Components – Lead Content***PDI** Plumbing and Drainage Institute

800 Turnpike Street, Suite 300

North Andover, MA 01845

Standard  
Referenced

Title

G101(2010)

Testing and Rating Procedure for Grease Interceptors with  
Appendix of Sizing and Installation Data**UL** Underwriters Laboratories, Inc.

333 Pfingsten Road

Northbrook, IL 60062-2096

Standard  
Referenced

Title

UL 508—99

Industrial Control Equipment with Revision through July 2005