

# Part IX—Referenced Standards

## CHAPTER 43 REFERENCED STANDARDS

This chapter lists the standards that are referenced in various sections of this document. The standards are listed herein by the promulgating agency of the standard, the standard identification, the effective date and title, and the section or sections of this document that reference the standard. The application of the referenced standard shall be as specified in Section R102.4.

Standard reference number	Title	Referenced
		in code section number
101/I.S.2/A440—05	Specifications for Windows, Doors and Unit Skylights . . . . .	R308.6.9, R613.4, N1102.4.2
450—00	Voluntary Performance Rating Method for Muller Fenestration Assemblies . . . . .	R613.9.1
506—00	Voluntary Specifications for Hurricane Impact and Cycle Testing of Fenestration Products. . . . .	R613.7.1

Standard reference number	Title	Referenced
		in code section number
318—05	Building Code Requirements for Structural Concrete. R402.2, R404.1, Table R404.1.1(5), R404.4, R404.4.6.1, Table R404.4(1), Table R404.4(2), Table R404.4(3), Table R404.4(4), Table R404.4(5), R611.1, Table R611.3(1), Table R611.7(1), Table R611.7(2), Table R611.7(3), Table R611.7(4), Table R611.7(5), Table R611.7(6), Table R611.7(7), Table R611.7(9), Table R611.7(10), R611.7.1.1, Table R611.7.4, R612.1	
332—05	Requirements for Residential Concrete Construction. . . . .	R404.1, Table R404.1.1(5)
530—05	Building Code Requirements for Masonry Structures. . . . .	R404.1, R606.1, R606.1.1, R606.12.1, R606.12.2.2.1, R606.12.2.2.2, R606.12.3.1
530.1—05	Specifications for Masonry Structures . . . . .	R404.1, R606.1, R606.1.1, R606.12.1, R606.12.2.2.1, R606.12.2.2.2, R606.12.3.1

Standard reference number	Title	Referenced
		in code section number
Manual D—95	Residential Duct Systems . . . . .	M1601.1, M1602.2
Manual J—02	Residential Load Calculation—Eighth Edition. . . . .	M1401.3

Standard reference number	Title	Referenced
		in code section number
NDS—05	National Design Specification (NDS) for Wood Construction—with 2005 Supplement . . . . .	R404.2.2, R502.2, Table R503.1, R602.3, R802.2
WFCM—2001	Wood Frame Construction Manual for One- and Two-family Dwellings . . . . .	R301.2.1.1

**REFERENCED STANDARDS**

**AFPA—continued**

AFPA—93	Span Tables for Joists and Rafters . . . . .	R502.3, R802.4, R802.5
T.R. No. 7—87	Basic Requirements for Permanent Wood Foundation System . . . . .	R401.1

**AHA**

American Hardboard Association  
1210 West Northwest Highway  
Palatine, IL 60067

Standard reference number	Title	Referenced in code section number
A135.4—04	Basic Hardboard . . . . .	Table R602.3(1)
A135.5—04	Prefinished Hardboard Paneling . . . . .	R702.5
A135.6—98	Hardboard Siding . . . . .	Table R703.4

**AISI**

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

Standard reference number	Title	Referenced in code section number
Header—04	Standard for Cold-formed Steel Framing-Header Design . . . . .	R603.6
PM—2001	Standard for Cold-formed Steel Framing-Prescriptive Method for One- and Two-family Dwellings (including 2004 Supplement) . . . . .	R301.1.1, R301.2.1.1(4), R301.2.2.4.1, R301.2.2.4.5
Truss—04	Standard for Cold-formed Steel Framing-Truss Design . . . . .	R804.1.3

**AITC**

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

Standard reference number	Title	Referenced in code section number
AITC A 190.1—02	Structural Glued Laminated Timber . . . . .	R502.1.5, R602.1.2, R802.1.4

**ANSI**

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

Standard reference number	Title	Referenced in code section number
A108.1A—99	Installation of Ceramic Tile in the Wet-set Method, with Portland Cement Mortar . . . . .	R702.4.1
A108.1B—99	Installation of Ceramic Tile, Quarry Tile on a Cured Portland Cement Mortar Setting Bed with Dry-set or Latex-Portland Mortar . . . . .	R702.4.1
A108.4—99	Installation of Ceramic Tile with Organic Adhesives or Water Cleanable Tile-setting Epoxy Adhesive . . . . .	R702.4.1
A108.5—99	Installation of Ceramic Tile with Dry-set Portland Cement Mortar or Latex-Portland Cement Mortar . . . . .	R702.4.1
A108.6—99	Installation of Ceramic Tile with Chemical Resistant, Water Cleanable Tile-setting and -grouting Epoxy . . . . .	R702.4.1
A108.11—99	Interior Installation of Cementitious Backer Units . . . . .	R702.4.1
A118.1—99	American National Standard Specifications for Dry-set Portland Cement Mortar . . . . .	R702.4.1
A118.3—99	American National Standard Specifications for Chemical Resistant, Water Cleanable Tile-setting and Grouting Epoxy and Water Cleanable Tile-setting Epoxy Adhesive . . . . .	R702.4.1
A136.1—99	American National Standard Specifications for Organic Adhesives for Installation of Ceramic Tile . . . . .	R702.4.1
A137.1—88	American National Standard Specifications for Ceramic Tile . . . . .	R702.4.1
A208.1—99	Particleboard . . . . .	R503.3.1, R605.1
LC1—97	Interior Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing —with Addenda LC 1a-1999 and LC 1b-2001 . . . . .	G2414.5.3
Z21.1—03	Household Cooking Gas Appliances—with Addenda Z21.1a-2003 and Z21.1b-2003 . . . . .	G2447.1

ANSI—continued

Z21.5.1—02	Gas Clothes Dryers—Volume I—Type I Clothes Dryers—with Addenda Z21.5.1a-2003 . . . . .	G2438.1
Z21.8—94(R2002)	Installation of Domestic Gas Conversion Burners . . . . .	G2443.1
Z21.10.1—04	Gas Water Heaters—Volume I—Storage, Water Heaters with Input Ratings of 75,000 Btu per hour or Less. . . . .	G2448.1
Z21.10.3—01	Gas Water Heaters—Volume III—Storage, Water Heaters with Input Ratings above 75,000 Btu per hour, Circulating and Instantaneous Water Heaters—with Addenda Z21.10.3a-2003 and Z21.10.3b-2004 . . . . .	G2448.1
Z21.11.2—02	Gas-fired Room Heaters—Volume II—Unvented Room Heaters—with Addenda Z21.11.2a-2003 . . . . .	G2445.1
Z21.13—04	Gas-fired Low-Pressure Steam and Hot Water Boilers . . . . .	G2452.1
Z21.15—97(R2003)	Manually Operated Gas Valves for Appliances, Appliance Connector Valves and Hose End Valves —with Addenda Z21.15a-2001 (R2003) . . . . .	G2420.1.1
Z21.22—99(R2003)	Relief Valves for Hot Water Supply Systems—with Addenda Z21.22a-2000 (R2003) and 21.22b-2001 (R2003) . . . . .	P2803.2
Z21.24-97	Connectors for Gas Appliances . . . . .	G2422.1
Z21.40.1—96(R2002)	Gas-fired Heat Activated Air Conditioning and Heat Pump Appliances—with Z21.40.1a-97 (R2002) . . . . .	G2449.1
Z21.40.2—96(R2002)	Gas-fired Work Activated Air Conditioning and Heat Pump Appliances (Internal Combustion) —with Addenda Z21.40.2a-1997 (R2002) . . . . .	G2449.1
Z21.42—93(R2002)	Gas-fired Illuminating Appliances . . . . .	G2450.1
Z21.47—03	Gas-fired Central Furnaces . . . . .	R617.1, G2442.1
Z21.50—03	Vented Gas Fireplaces—with Addenda Z21.50a-2003 . . . . .	G2434.1
Z21.56—01	Gas-fired Pool Heaters—with Addenda Z21.56a-2004 and Z21.56b—2004 . . . . .	R616.1, G2441.1
Z21.58—95(R2002)	Outdoor Cooking Gas Appliances—with Addenda Z21.58a-1998 (R2002) and Z21.58b-2002. . . . .	R622.1, G2447.1
Z21.60—03	Decorative Gas Appliances for Installation in Solid Fuel Burning Fireplaces—with Addenda Z21.60a-2003 . . . . .	G2432.1
Z21.69—02	Connectors for Movable Gas Appliances with Addenda Z21.69a—2003. . . . .	G2422.1
Z21.75/CSA 6.27—01	Connectors for Outdoor Gas Appliances . . . . .	G2422.1
Z21.80—03	Line Pressure Regulators . . . . .	G2421.1
Z21.84—02	Manually-listed, Natural Gas Decorative Gas Appliances for Installation in Solid Fuel Burning Fireplaces —with Addenda Z21.84a -2003. . . . .	G2432.1, G2432.2
Z21.86—04	Gas-fired Vented Space Heating Appliances . . . . .	G2436.1, G2437.1, G2446.1
Z21.88—02	Vented Gas Fireplace Heaters—with Addenda A21.88a-2003 and Z21.88b—2004 . . . . .	G2435.1
Z21.91—01	Ventless Firebox Enclosures for Gas-fired Unvented Decorative Room Heaters. . . . .	G2445.7.1
Z83.6—90(R1998)	Gas-fired Infrared Heaters . . . . .	G2442.1, G2449.1, G2451.1
Z83.8—02	Gas-fired Unit Heaters and Gas-fired Duct Furnaces—with Addenda Z83.8a-2003 . . . . .	G2444.1
Z124.1—95	Plastic Bathtub Units . . . . .	Table P2701.1
Z124.2—95	Plastic Shower Receptors and Shower Stalls . . . . .	Table P2701.1
Z124.3—95	Plastic Lavatories . . . . .	Table P2701.1, P2711.1, P2711.2
Z124.4—96	Plastic Water Closet Bowls and Tanks. . . . .	Table P2701.1, P2712.1
Z124.6—97	Plastic Sinks . . . . .	Table P2701.1

APA—The Engineered Wood Association  
P. O. Box 11700  
Tacoma, WA 98411-0700



Standard reference number	Title	Referenced in code section number
APA E30—03	Engineered Wood Construction Guide. . . . .	R503.2.2, R803.2.2, R803.2.3

American Society of Civil Engineers  
1801 Alexander Bell Drive  
Reston, VA 20191



Standard reference number	Title	Referenced in code section number
5—05	Building Code Requirements for Masonry Structures . . . . .	R404.1, R606.1, R606.1.1, R606.12.1, R606.12.2.2.1, R606.12.2.2, R606.12.3.1
6—05	Specifications for Masonry Structures . . . . .	R404.1, R606.1, R606.1.1, R606.12.1, R606.12.2.2.1, R606.12.2.2.2, R606.12.3.1
7—05	Minimum Design Loads for Buildings and Other Structures. . . . .	R301.2.1.1
32—01	Design and Construction of Frost Protected Shallow Foundations . . . . .	R403.1.4.1

REFERENCED STANDARDS

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

Standard reference number	Title	Referenced in code section number
34—2004	Designation and Safety Classification of Refrigerants . . . . .	M1411.1
ASHRAE—2004	ASHRAE Fundamentals Handbook—2001 . . . . .	N1102.1.3, M1502.6, P3001.2, P3002.3, P3101.4, P3103.2

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

Standard reference number	Title	Referenced in code section number
A17.1—2004	Safety Code for Elevators . . . . .	R323.1
A18.1—2003	Safety Standard for Platforms and Stairway Chair Lifts . . . . .	R323.2
A112.1.2—1991(R2002)	Air Gaps in Plumbing Systems . . . . .	P2902.3.1, Table P2902.3
A112.1.3—2000	Air Gap Fittings for Use with Plumbing Fixtures, Appliances, and Appurtenances . . . . .	Table P2701.1, P2902.3.1
A112.3.1—93	Performance Standard and Installation Procedures for Stainless Steel Drainage Systems for Sanitary, Storm and Chemical Applications Above and Below Ground . . . . .	Table P3002.1(1), Table P3002.1(2), P3002.2, P3002.3
A112.3.4—2000	Macerating Toilet Systems and Related Components . . . . .	Table P2701.1, P3007.2.1
A112.4.1—1993(R2002)	Water Heater Relief Valve Drain Tubes . . . . .	P2803.6.2
A112.4.3—1999	Plastic Fittings for Connecting Water Closets to the Sanitary Drainage System . . . . .	P3003.19, P3003.4.5
A112.6.1M—1997(R2002)	Floor Affixed Supports for Off-the-floor Plumbing Fixtures for Public Use . . . . .	P2702.4, Table P2704.1
A112.6.2—2000	Framing-Affixed Supports for Off-the-floor Water Closets with Concealed Tanks . . . . .	Table P2701.1, P2702.4
A112.6.3—2001	Floor and Trench Drains . . . . .	Table P2701.1
A112.18.1—2003	Plumbing Fixture Fittings . . . . .	Table P2701.1, P2708.4, P2722.1, P2902.2
A112.18.2—2002	Plumbing Fixture Waste Fittings . . . . .	Table P2701.1, P2702.2
A112.18.3M—2002	Performance Requirements for Backflow Protection Devices and Systems in Plumbing Fixture Fittings . . . . .	P2708.4, P2722.3
A112.18.6—2003	Flexible Water Connectors . . . . .	P2904.7
A112.19.1M—1994(R1999)	Enameled Cast Iron Plumbing Fixtures—with 1998 and 2000 Supplements . . . . .	Table P2701.1, P2711.1
A112.19.2—2003	Vitreous China Plumbing Fixtures—and Hydraulic Requirements for Water Closets and Urinals . . . . .	Table P2701.1, P2705.1, P2711.1, P2712.1, P2712.2
A112.19.3M—2000	Stainless Steel Plumbing Fixtures (Designed for Residential Use)—with 2002 Supplement . . . . .	Table P2701.1, P2705.1, P2711.1
A112.19.4M—1994(R1999)	Porcelain Enameled Formed Steel Plumbing Fixtures—with 1998 and 2000 Supplements . . . . .	Table P2701.1, P2711.1
A112.19.5—1999	Trim for Water-closet Bowls, Tanks, and Urinals . . . . .	Table P2701.1
A112.19.6—1995	Hydraulic Performance Requirements for Water Closets and Urinals . . . . .	Table P2701.1, P2712.1, P2712.2
A112.19.7M—1995	Whirlpool Bathtub Appliances . . . . .	Table P2701.1
A112.19.8M—1987(R1996)	Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Whirlpool Bathtub Appliances . . . . .	Table P2701.1
A112.19.9M—1991(R2002)	Non-vitreous Ceramic Plumbing Fixtures—with 2002 Supplement . . . . .	Table P2701.1, P2711.1, P2712.1
A112.19.12—2000	Wall Mounted and Pedestal Mounted, Adjustable and Pivoting Lavatory and Sink Carrier Systems . . . . .	Table P2701.1, P2711.4, P2714.2
A112.19.13—2001	Electrohydraulic Water Closets . . . . .	P2712.9
A112.19.15—2001	Bathtub/Whirlpool Bathtubs with Pressure Sealed Doors . . . . .	Table P2701.1, P2713.2
B1.20.1—1983(R2001)	Pipe Threads, General Purpose (Inch) . . . . .	G2414.9, P3003.3.3, P3003.5.3, P3003.10.4, P3003.12.1, P3003.14.3
B16.3—1998	Malleable Iron Threaded Fittings Classes 150 and 300 . . . . .	Table P2904.6
B16.4—1998	Gray-iron Threaded Fittings Classes 125 and 250 . . . . .	Table P2904.6
B16.9—2003	Factory-made Wrought Steel Butt-welding Fittings . . . . .	Table P2904.6
B16.11—2001	Forged Fittings, Socket-welding and Threaded . . . . .	Table P2904.6
B16.12—1998	Cast Iron Threaded Drainage Fittings . . . . .	Table P2904.6
B16.15—1985(R1994)	Cast Bronze Threaded Fittings . . . . .	Table P2904.6
B16.18—2001	Cast Copper Alloy Solder Joint Pressure Fittings . . . . .	Table P2904.6
B16.22—2001	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings . . . . .	Table P2904.6
B16.23—2002	Cast Copper Alloy Solder Joint Drainage Fittings (DWV) . . . . .	Table P2904.6, Table P3002.3
B16.26—1988	Cast Copper Alloy Fittings for Flared Copper Tubes . . . . .	Table P2904.6
B16.28—1994	Wrought Steel Butt-welding Short Radius Elbows and Returns . . . . .	Table P2904.6
B16.29—2001	Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings-DWV . . . . .	Table P2904.6 Table P3002.3
B16.33—2002	Manually Operated Metallic Gas Valves for Use in Gas Piping Systems up to 125 psig (Sizes 1/2 through 2) . . . . .	G2420.1.1
B16.44-01	Manually Operated Metallic Gas Valves For Use in House Piping Systems . . . . .	Table G2420.1.1
B36.10M—2000	Welded and Seamless Wrought-steel Pipe . . . . .	G2414.4.2

ASME—continued

BPVC—2001	ASME Boiler and Pressure Vessel Code (2001 Edition) (Sections I, II, IV, V, VI & IX) . . . . .	M2001.1.1, G2452.1
CSD-1—2002	Controls and Safety Devices for Automatically Fired Boilers. . . . .	M2001.1.1, G2452.1

# ASSE

American Society of Sanitary Engineering  
28901 Clemens Road, Suite A  
Westlake, OH 44145

Standard reference number	Title	Referenced in code section number
1001—02	Performance Requirements for Atmospheric Type Vacuum Breakers . . . . .	Table P2902.3, P2902.3.2
1002—99	Performance Requirements for Antisiphon Fill Valves (Ballcocks) for Gravity Water Closet Flush Tank . . . . .	Table P2701.1, Table P2902.3, P2902.4.1
1003—01	Performance Requirements for Water Pressure Reducing Valves . . . . .	P2903.3.1
1006—89	Performance Requirements for Residential Use Dishwashers . . . . .	Table P2701.1
1007—92	Performance Requirements for Home Laundry Equipment . . . . .	Table P2701.1
1008—89	Performance Requirements for Household Food Waste Disposer Units . . . . .	Table P2701.1
1010—96	Performance Requirements for Water Hammer Arresters . . . . .	P2903.5
1011—93	Performance Requirements for Hose Connection Vacuum Breakers . . . . .	Table P2902.3, P2902.3.2
1012—02	Performance Requirements for Backflow Preventers with Intermediate Atmospheric Vent . . . . .	Table P2902.3 P2902.3.3, P2902.5.1, P2902.5.5
1013—99	Performance Requirements for Reduced Pressure Principle Backflow Preventers and Reduced Pressure Fire Protection Principle Backflow Preventers. . . . .	Table P2902.3, P2902.5.5, P2902.5.1, P2902.5.5
1014—90	Performance Requirements for Hand-held Shower . . . . .	Table P2701.1
1015—99	Performance Requirements For Double Check Backflow Prevention Assemblies and Double Check Fire Protection Backflow Prevention Assemblies . . . . .	Table P2902.3, P2902.3.6
1016—96	Performance Requirements for Individual Thermostatic, Pressure Balancing and Combination Control Valves for Bathing Facilities . . . . .	Table P2701.1, P2708.3, P2722.2
1017—99	Performance Requirements for Temperature Actuated Mixing Valves for Hot Water Distribution Systems . . . . .	P2802.2
1019—97	Performance Requirements for Wall Hydrants, Freezeless, Automatic Automatic Draining, Anti-backflow Types . . . . .	Table P2701.1, Table P2902.3
1020—98	Performance Requirements for Pressure Vacuum Breaker Assembly . . . . .	Table P2902.3, P2902.3.4
1023—79	Performance Requirements for Hot Water Dispensers Household Storage Type Electrical . . . . .	Table P2701.1
1024—04	Performance Requirements for Dual Check Valve Type Backflow Preventers . . . . .	Table P2902.3
1025—78	Performance Requirements for Diverters for Plumbing Faucets with Hose Spray, Anti-siphon Type, Residential Applications . . . . .	Table P2701.1
1035—02	Performance Requirements for Laboratory Faucet Backflow Preventers . . . . .	Table P2902.3, P2902.3.2
1037—90	Performance Requirements for Pressurized Flushing Devices for Plumbing Fixtures. . . . .	Table P2701.1
1047—99	Performance Requirements for Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies . . . . .	P2902.3.5, Table P2902.3
1048—99	Performance Requirements for Double Check Detector Fire Protection Backflow Prevention Assemblies . . . . .	P2902.3.6, Table P2902.3
1050—02	Performance Requirements for Stack Air Admittance Valves for Sanitary Drainage Systems . . . . .	P3114.1
1051—02	Performance Requirements for Individual and Branch Type Air Admittance Valves for Plumbing Drainage Systems . . . . .	P3114.1
1052—93	Performance Requirements for Hose Connection Backflow Preventers . . . . .	Table P2701.1, Table P2902.3, P2902.3.2
1056—01	Performance Requirements for Spill Resistant Vacuum. . . . .	Table P2902.3, P2902.3.4
1062—97	Performance Requirements for Temperature Actuated, Flow Reduction Valves to Individual Fixture Fittings . . . . .	Table P2701.1, P2724.1
1066—97	Performance Requirements for Individual Pressure Balancing Valves for Individual Fixture Fittings . . . . .	Table P2701.1, P2722.4
1070—04	Performance Requirements for Water Temperature Limiting Devices . . . . .	P2713.3, P2721.2

# ASTM

ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA 19428

Standard reference number	Title	Referenced in code section number
A 36/A 36M—04	Specification for Carbon Structural Steel. . . . .	R606.15
A 53/A 53M—02	Specification for Pipe, Steel, Black and Hot-dipped, Zinc-coated Welded and Seamless . . . . .	Table M2101.1, G2414.4.2, Table P2904.4.1, Table P2904.5, Table P3002.1(1)
A 74—04	Specification for Cast Iron Soil Pipe and Fittings. . . . .	Table P3002.1(1), Table P3002.1(2), Table P3002.2 Table P3002.3, P3005.2.9

**REFERENCED STANDARDS**

**ASTM—continued**

A 106—04	Specification for Seamless Carbon Steel Pipe for High Temperature Service . . . . .	Table M2101.1, G2414.4.2
A 126—04	Specification for Gray Iron Castings for Valves, Flanges and Pipe Fittings . . . . .	Table P3002.1(1)
A 153—03	Specification for Zinc Coating (Hot Dip) on Iron and Steel Hardware . . . . .	R319.3, Table R606.15.1
A 167—99	Specification for Stainless and Heat-resisting Chromium-nickel Steel Plate, Sheet, and Strip . . . . .	R606.15, Table R606.15.1
A 197/A197M—00	Specification for Cupola Malleable Iron . . . . .	Table P3002.1
A 240—04	Standard Specification for Chromium and Chromium-nickel Stainless Steel Plate, Sheet and Strip for Pressure Vessels and for General Applications . . . . .	Table R905.10.3(1)
A 254—97(2002)	Specification for Copper Brazed Steel Tubing . . . . .	Table M2101.1, G2414.5.1
A 312/A 312M—04a	Specification for Seamless and Welded Austenitic Stainless Steel Pipes . . . . .	Table P2904.4.1, Table P2904.5, Table P2904.6, P2904.11.2
A 377—03	Index of Specification for Ductile Iron Pressure Pipe . . . . .	Table P2904.4
A463/A 463M-02a	Standard Specification for Steel Sheet, Aluminum-coated by the Hot-Dip Process . . . . .	Table R905.10.3(2)
A 510M—03	Specification for General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel . . . . .	R606.15
A 539—99	Specification for Electronic-resistance-welded Coiled Steel Tubing for Gas and Fuel Oil Lines . . . . .	M2202.1, G2414.5.1
A 615/A 0615M—04a	Specification for Deformed and Plain Billet-steel Bars for Concrete Reinforcement . . . . .	R404.4.6.1, R611.6.2
A 641/A 0641M—03	Specification for Zinc-coated (Galvanized) Carbon Steel Wire . . . . .	Table R606.15.1
A 653/A 0653M—04a	Specification for Steel Sheet, Zinc-coated (Galvanized) or Zinc-iron Alloy-coated (Galvanized) by the Hot-dip Process . . . . .	R505.2.1, R505.2.3, R603.2.1, R603.2.3, Table R606.15.1, R804.2.1, R804.2.3, Table R905.10.3(1) M1601.1.1
A 706/A 706M—04a	Specification for Low-alloy Steel Deformed and Plain Bars for Concrete Reinforcement . . . . .	R404.4.6.1, R611.6.2
A 755/A 755M—01 (2003)	Specification for Steel Sheet, Metallic Coated by the Hot-dip Process and Prepainted by the Coil-coating Process for Exterior Exposed Building Products . . . . .	Table R905.10.3(2)
A 778—01	Specification for Welded Unannealed Austenitic Stainless Steel Tubular Products . . . . .	Table P2904.4, Table P2904.5, Table P2904.6
A 792/A 792M—03	Specification for Steel Sheet, 55% Aluminum-zinc Alloy-coated by the Hot-dip Process . . . . .	R505.2.1, R603.2.1, R603.2.3, R804.2.1, R804.2.3
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B 32—03	Specification for Solder Metal . . . . .	P3003.10.3, P3003.11.3
B 42—02e01	Specification for Seamless Copper Pipe, Standard Sizes . . . . .	Table M2101.1, G2413.5.2, Table P2904.5, Table P3002.1(1)
B 43—98(2004)	Specification for Seamless Red Brass Pipe, Standard Sizes . . . . .	Table M2101.1, G2413.5.2, Table P2904.4, Table P2904.5, Table P3002.1(1)
B 75—02	Specification for Seamless Copper Tube . . . . .	Table M2101.1, Table P2904.4, Table P2904.5, Table P3002.1(1), Table P3002.1(2), Table P3002.2
B 88—03	Specification for Seamless Copper Water Tube . . . . .	Table M2101.1, G2414.5.2, Table P2904.4, Table P2904.5, Table P3002.1(1), Table P3002.1(2), Table P3002.2
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C 28/C28M—00e01	Specification for Gypsum Plasters . . . . .	R702.2
C 34—03	Specification for Structural Clay Load-Bearing Wall Tile . . . . .	Table R301.2(1)
C 35—95(2001)	Specification for Inorganic Aggregates for Use in Gypsum Plaster . . . . .	R702.2
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C 55—03	Specification for Concrete Brick . . . . .	R202, Table R301.2(1)
C 59/C 0059M—00	Specification for Gypsum Casting and Molding Plaster . . . . .	R702.2
C 61/C 0061M—00	Specification for Gypsum Keene’s Cement . . . . .	R702.2
C 62—04	Specification for Building Brick (Solid Masonry Units Made from Clay or Shale) . . . . .	R202, Table R301.2(1)
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C 199—84(2000)	Test Method for Pier Test for Refractory Mortar . . . . .	R1001.9, R1003.5, R1003.8
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C 208—95(2001)	Specification for Cellulosic Fiber Insulating Board . . . . .	Table R602.3(1)
C 216—04a	Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale) . . . . .	R202, Table R301.2(1)
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C 425—04	Specification for Compression Joints for Vitrified Clay Pipe and Fittings . . . . .	Table P3002.2, P3003.15, P3003.18
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C 630/0630M—03	Specification for Water-resistant Gypsum Backing Board . . . . .	R702.3.1, R702.4.2
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C 1063—03	Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster . . . . .	R702.2
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D 1863—03	Specification for Mineral Aggregate Used in Built-up Roofs . . . . .	Table R905.9.2, Table R906.3.2
D 1869—95(2000)	Specification for Rubber Rings for Asbestos-cement Pipe . . . . .	P2904.17, P3003.4, P3003.18
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D 2898—94(1999)	Test Methods for Accelerated Weathering of Fire-retardant-treated Wood for Fire Testing . . . . .	R802.1.3.3, R902.2
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D 3462—04	Specification for Asphalt Shingles Made From Glass Felt and Surfaced with Mineral Granules . . . . .	R905.2.4
D 3468—99	Specification for Liquid-applied Neoprene and Chlorosulfanated Polyethylene Used in Roofing and Waterproofing . . . . .	Table R905.15.2
D 3679—04	Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding. . . . .	Table R703.4

**REFERENCED STANDARDS**

**ASTM—continued**

D 3737—03	Practice for Establishing Allowable Properties for Structural Glued Laminated Timber (Glulam) . . . . .	R502.1.5, R602.1.2, R802.1.4
D 3747—79(2000)e01	Specification for Emulsified Asphalt Adhesive for Adhering Roof Insulation . . . . .	Table R905.9.2, Table R905.11.2
D 3909—97b	Specification for Asphalt Roll Roofing (Glass Felt) Surfaced with Mineral Granules . . . . .	R905.2.8.2, R905.3.3, R905.5.4, Table R905.9.2, Table R906.3.2,
D 3957—03	Standard Practices for Establishing Stress Grades for Structural Members Used in Log Buildings . . . . .	R502.1.6, R602.1.3, R802.1.5
D 4022—94(2000)e01	Specification for Coal Tar Roof Cement, Asbestos Containing . . . . .	Table R905.9.2
D 4068—01	Specification for Chlorinated Polyethylene (CPE) Sheeting for Concealed Water Containment Membrane . . . . .	P2709.2.2
D 4318—00	Test Methods for Liquid Limit, Plastic Limit and Plasticity Index of Soils . . . . .	R403.1.7.5.1
D 4434—04	Specification for Poly (Vinyl Chloride) Sheet Roofing . . . . .	R905.13.2
D 4479—00	Specification for Asphalt Roof Coatings-Asbestos-free . . . . .	Table R905.9.2
D 4551—96(2001)	Specification for Poly (Vinyl) Chloride (PVC) Plastic Flexible Concealed Water-containment Membrane . . . . .	P2709.2.1
D 4586—00	Specification for Asphalt Roof Cement-Asbestos-free . . . . .	Table R905.9.2
D 4601—98	Specification for Asphalt-coated Glass Fiber Base Sheet Used in Roofing . . . . .	Table R905.9.2
D 4637—04	Specification for EPDM Sheet Used in Single-ply Roof Membrane . . . . .	R905.12.2
D 4829—03	Test Method for Expansion Index of Soils . . . . .	R403.1.8.1
D 4869—04	Specification for Asphalt-Saturated (Organic Felt) Underlayment Used in Steep Slope Roofing . . . . .	R905.2.3, R905.4.3, R905.5.3, R905.6.3, R905.7.3, R905.8.3
D 4897—01	Specification for Asphalt Coated Glass-fiber Venting Base Sheet Used in Roofing . . . . .	Table R905.9.2
D 4990—97a	Specification for Coal Tar Glass Felt Used in Roofing and Waterproofing . . . . .	Table R905.9.2
D 5019-96 e01	Specification for Reinforced Non-Vulcanized Polymeric Sheet Used in Roofing Membrane . . . . .	R905.12.2
D 5055—04	Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-Joists. . . . .	R502.1.4
D 5516—03	Test Method for Evaluating the Flexural Properties of Fire-Retardant-treated Softwood Plywood Exposed to the Elevated Temperatures. . . . .	R802.1.3.2.1
D 5643—94(2000)e01	Specification for Coal Tar Roof Cement Asbestos-free . . . . .	Table R905.9.2
D 5664—02	Test Methods For Evaluating the Effects of Fire-Retardant Treatments and Elevated Temperatures on Strength Properties of Fire-retardant-treated Lumber . . . . .	R802.1.3.2.2
D 5665—99a	Specification for Thermoplastic Fabrics Used in Cold-applied Roofing and Waterproofing . . . . .	Table R905.9.2
D 5726—98	Specification for Thermoplastic Fabrics Used in Hot-applied Roofing and Waterproofing . . . . .	Table R905.9.2
D 6083—97a	Specification for Liquid Applied Acrylic Coating Used in Roofing . . . . .	Table R905.9.2, Table R905.11.2, Table R905.15.2
D 6162—00a	Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements . . . . .	Table R905.11.2
D 6163—00e01	Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements . . . . .	Table R905.11.2
D 6164—00	Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Polyester Reinforcements . . . . .	Table R905.11.2
D 6221—00	Specification for Reinforced Bituminous Flashing Sheets for Roofing and Waterproofing . . . . .	Table R905.11.2
D 6222—02	Specification for Atactic Polypropelene (APP) Modified Bituminous Sheet Materials Using Polyester Reinforcement. . . . .	Table R905.11.2
D 6223—02	Specification for Atactic Polypropelene (APP) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcement . . . . .	Table R905.11.2
D 6298—00	Specification for Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Bituminous Sheets with a Factory Applied Metal Surface . . . . .	Table R905.11.2
D 6305—02e01	Practice for Calculating Bending Strength Design Adjustment Factors for Fire-Retardant- Treated Plywood Roof Sheathing . . . . .	R802.1.3.2.1
D 6380—01 <sup>E1</sup>	Standard Specification for Asphalt Roll Roofing (Organic Felt). . . . .	R905.2.8.2
D 6694—01	Standard Specification Liquid-Applied Silicone Coating Used in spray Polurethane Foam roofing <sup>1</sup> . . . . .	R905.15.2
D 6754—02	Standard Specification for Ketone Ethylene ester Based Sheet Roofing <sup>1</sup> . . . . .	R905.13.2
D 6757—02	Standard Specification for Inorganic Underlayment for Use with Steep Slope Roofing Products <sup>1</sup> . . . . .	R905.2.3
D 6841—03	Standard Practice for Calculating Design Value Treatment Adjustment Factors for Fire-retardant-treated Lumber . . . . .	R802.1.3.2.2
D 6878—03	Standard Specification for Thermoplastic Polyolefin Based Sheet Roofing <sup>1</sup> . . . . .	R905.13.2
E 84—04	Test Method for Surface Burning Characteristics of Building Materials. . . . .	R202, R314.1.1, R314.2.6, R314.3, R315.3, R316.1, R316.2, R802.1.3, M1601.2.1, M1601.4.2
E 96—00e01	Test Method for Water Vapor Transmission of Materials . . . . .	R202, R806.4, M1411.4, M1601.3.4
E 108—04	Test Methods for Fire Tests of Roof Coverings . . . . .	R902.1, R902.2
E 119—00	Test Methods for Fire Tests of Building Construction and Materials . . . . .	R314.1.2, R317.1, R317.3.1
E 136—99e01	Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C . . . . .	R202
E 283—04	Test Method for determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under specified Pressure Differences Across the Specimen . . . . .	R806.4

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E 330—02	Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference . . . . .	R613.3
E 331-00	Test Method for Water Penetration of Exterior Windows, Skylights, Doors and Curtain Walls by uniform Static Air Pressure Difference . . . . .	R703.1
E 814—02	Test Method for Fire Tests of Through-Penetration Firestops . . . . .	R317.3.1.2
E 970—00	Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source . . . . .	R316.5
E 1509—04	Standard Specification for Room Heaters, Pellet Fuel-burning Type . . . . .	M1410.1
E 1602—03	Guide for Construction of Solid Fuel Burning Masonry Heaters . . . . .	R1002.2
E 1886—04	Test Method for Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Missiles and Exposed to Cyclic Pressure Differentials . . . . .	R301.2.1.2, R613.7.1
E 1996—04	Specification for Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Windborne Debris in Hurricanes . . . . .	R301.2.1.2, R613.7.1
E 2231—04	Standard Practice for Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess Surface Burning Characteristics . . . . .	M1601.2.1
F 409—02	Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings . . . . .	Table P2701.1, P2702.2, P2702.3
F 437—99	Specification for Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 . . . . .	Table P2904.6
F 438—04	Specification for Socket-type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40 . . . . .	Table P2904.6
F 439—02e01	Specification for Socket-type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 . . . . .	Table P2904.6
F 441/F 441M—02	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80 . . . . .	Table P2904.4, Table P2904.5
F 442/F 442M—99	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR) . . . . .	Table P2904.4, Table P2904.5
F 477—02e01	Specification for Elastomeric Seals (Gaskets) for joining Plastic Pipe . . . . .	P2904.17, P3003.18
F 493—04	Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings . . . . .	P2904.9.1.2
F 628—01	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe with a Cellular Core . . . . .	Table 3002.1(1), Table P3002.1(2), Table P3002.2, Table P3002.3, P3003.3.2, P3003.8.2
F 656—02	Specification for Primers for Use in Solvent Cement Joints of Poly (Vinyl Chloride) (PVC) Plastic Pipe and Fittings . . . . .	P2904.9.1.3, Table P3002.1, Table P3002.2, P3003.9.2, P3003.14.2
F 714—03	Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Outside Diameter . . . . .	Table P3002.2
F 789—95a	Specification for Type PS-46 and Type PS-115 Poly (Vinyl Chloride) (PVC) Plastic Gravity Flow Sewer Pipe and Fittings . . . . .	Table P3002.2
F 876—04	Specification for Cross-linked Polyethylene (PEX) Tubing . . . . .	Table M2101.1, Table P2904.4
F 877—02e01	Specification for Cross-linked Polyethylene (PEX) Plastic Hot- and Cold-water Distribution Systems . . . . .	Table M2101.1, Table P2904.4, P2904.9.1.4.2, Table P2904.5, Table P2904.6
F 891—00e01	Specification for Coextruded Poly (Vinyl Chloride) (PVC) Plastic Pipe with a Cellular Core . . . . .	Table P3002.1(1), Table P3002.1(2), Table P3002.2, Table 3002.3, Table P3002.4
F 1055—98e01	Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene Pipe and Fittings . . . . .	Table M2101.1, M2104.2.1.2
F 1281—03	Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe . . . . .	Table M2101.1, Table P2904.4, Table P2904.5
F 1282—03	Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe . . . . .	Table P2904.4, Table P2904.5
F 1412—01	Specification for Polyolefin Pipe and Fittings for Corrosive Waste Drainage . . . . .	Table P3002.2, Table P3002.3, P3003.16.1
F 1488—03	Specification for Coextruded Composite Pipe . . . . .	Table P3002.1(1), Table P3002.1(2), Table P3002.2
F 1667—03	Specification for Driven Fasteners, Nails, Spikes, and Staples . . . . .	R905.2.5
F 1807—04	Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing . . . . .	Table M2101.1, Table P2904.6, P2904.9.1.4.2
F 1866—98	Specification for Poly (Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated Fittings . . . . .	Table P3002.4
F 1960—04	Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) Tubing . . . . .	Table M2101.1, Table P2904.6, P2904.9.1.4.2
F 1974—04	Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe . . . . .	Table P2904.6
F 1986—00a	Multilayer Pipe Type 2, Compression Joints for Hot and Cold Drinking Water Systems . . . . .	Table P2904.4, Table P2904.5, Table P2904.6
F 2006—00	Standard/Safety Specification for Window Fall Prevention Devices for Non-Emergency Escape (Egress) and Rescue (Ingress) Windows . . . . .	R613.2
F 2080—04	Specification for Cold-expansion Fittings with Metal Compression-Sleeves for Crosslinked Polyethylene (PEX) Pipe . . . . .	P2904.6, P2904.9.1.4.2

**REFERENCED STANDARDS**

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F 2090—01A	Specification for Window Fall Prevention Devices —with Emergency Escape (Egress) Release Mechanisms . . . . .	.613.2
F 2098—01	Standard Specification for Stainless Steel Clamps for SDR9 PEX Tubing to Metal Insert Fittings . . . . .	Table M2101.1
F 2389—04	Standard for Pressure-rated Polypropylene (PP) Piping Systems . . . . .	Table M2101.1, Table P2904.4, Table P2904.5, Table P2904.6, P2904.10.1

**AWS**

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

Standard reference number	Title	Referenced in code section number
A5.8—04	Specifications for Filler Metals for Brazing and Braze Welding . . . . .	P3003.5.1, P3003.10.1, P3003.11.1

**AWPA**

American Wood-Preservers' Association  
P.O. Box 5690  
Granbury, Texas 76049

Standard reference number	Title	Referenced in code section number
C1—100	All Timber Products—Preservative Treatment by Pressure Processes . . . . .	R902.2
C33—00	Standard for Preservative Treatment of Structural Composite Lumber by Pressure Processes . . . . .	R324.1
M4—02	Standard for the Care of Preservative-treated Wood Products. . . . .	R319.1.1, R320.1.2, R320.3.1
U1—04	USE CATEGORY SYSTEM: User Specification for Treated Wood Except Section 6 Commodity Specification H. . . . .	R319.1, R324.1.7, R402.1.2, R504.3, Table R905.8.5

**AWWA**

American Water Works Association  
6666 West Quincy Avenue  
Denver, CO 80235

Standard reference number	Title	Referenced in code section number
C104—98	Standard for Cement-Mortar Lining for Ductile-iron Pipe and Fittings for Water . . . . .	P2904.4
C110—98	Standard for Ductile-iron and Gray-iron Fittings, 3 Inches through 48 Inches, for Water . . . . .	Table P2904.6, Table P3002.3
C115—99	Standard for Flanged Ductile-iron Pipe with Ductile-iron or Gray-iron Threaded Flanges . . . . .	Table P2904.4
C151/A21.51—02	Standard for Ductile-iron Pipe, Centrifugally Cast, for Water . . . . .	Table P2904.4
C153—00	Standard for Ductile-iron Compact Fittings for Water Service . . . . .	Table P2904.6.1
C510—00	Double Check Valve Backflow Prevention Assembly . . . . .	Table P2902.3
C511—00	Reduced-Pressure Principle Backflow Prevention Assembly . . . . .	Table P2902.3, P2902.3.5, P2902.5.1

**CGSB**

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

Standard reference number	Title	Referenced in code section number
37-GP—52M—(1984)	Roofing and Waterproofing Membrane, Sheet Applied, Elastomeric . . . . .	R905.12.2
37-GP—56M—(1980)	Membrane, Modified Bituminous, Prefabricated and Reinforced for Roofing— with December 1985 Amendment. . . . .	Table R905.11.2
CAN/CGSB-37.54—95	Polyvinyl Chloride Roofing and Waterproofing Membrane . . . . .	R905.13.2

# CISPI

Cast Iron Soil Pipe Institute  
5959 Shallowford Road, Suite 419  
Chattanooga, TN 37421

Standard reference number	Title	Referenced in code section number
301—04	Standard Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste and Vent Piping Applications . . . . .	Table P3002.1(1), Table P3002.1(2), Table P3002.2, Table P3002.3, Table 3002.4, P3005.2.9
310—04	Standard 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 . .	Table P3002.1, Table P3002.2, P3003.6.3

# CPSC

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

Standard reference number	Title	Referenced in code section number
16 CFR Part 1201—(1977)	Safety Standard for Architectural Glazing . . . . .	R308.1.1, R308.3
16 CFR Part 1209—(1979)	Interim Safety Standard for Cellulose Insulation . . . . .	R316.3
16 CFR Part 1404—(1979)	Cellulose Insulation . . . . .	R316.3

# CSA

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

Standard reference number	Title	Referenced in code section number
CSA Requirement 3—88 8-93 (Revision 1, 1999)	Manually Operated Gas Valves for Use in House Piping Systems . . . . . Requirements for Gas Fired Log Lighters for Wood Burning Fireplaces —with Revisions through January 1999 . . . . .	Table G2420.1.1 G2433.1
0325.0—92	Construction Sheathing (Reaffirmed 1998) . . . . .	R503.2.1
0437-Series—93	Standards on OSB and Waferboard (Reaffirmed 2001) . . . . .	R503.2.1, R803.2.1
A 257.1M—92	Circular Concrete Culvert, Storm Drain, Sewer Pipe and Fittings . . . . .	Table P3002.2
A 257.2M—92	Reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe and Fittings . . . . .	Table P3002.2
A 257.3M—92	Joints for Circular Concrete Sewer and Culvert Pipe, Manhole Sections, and Fittings Using Rubber Gaskets . . . . .	P3003.7
101/I.S.2/A440—05	Specifications for Windows, Doors and Unit Skylights . . . . .	R308.6.9, R613.4, N1102.4.2
B45.1—02	Ceramic Plumbing Fixtures . . . . .	Table P2701.1, P2711.1, P2712.1
B45.2—02	Enameled Cast Iron Plumbing Fixtures . . . . .	Table 2701.1, P2711.1
B45.3—02	Porcelain Enameled Steel Plumbing Fixtures . . . . .	Table P2701.1, Table P2702.2, P2711.1
B45.4—02	Stainless Steel Plumbing Fixtures . . . . .	Table P2701.1, P2711.1, P2712.1
B45.5—02	Plastic Plumbing Fixtures . . . . .	Table P2701.1, P2711.2, P2712.1
B45.9—02	Macerating Systems and Related Components . . . . .	P3007.1, P3007.2.1
B64.1.1—01	Vacuum Breakers, Atmospheric Type (PVB) . . . . .	Table P2902.2, P2902.2
B64.1.2—01	Vacuum Breakers, Pressure Type (PVB) . . . . .	Table P2902.2, P2902.2
B64.2—01	Vacuum Breakers, Hose Connection Type (HCVB) . . . . .	Table P2902.2, P2902.2.2
B64.2.1—01	Vacuum Breakers, Hose Connection Type (HCVB) with Manual Draining Feature . . . . .	Table P2902.2, P2902.2.2
B64.2.1.1—01	Vacuum Breakers, Hose Connection Dual Check Type (HCDVB) . . . . .	Table P2902.2, P2902.2.2
B64.2.2—01	Vacuum Breakers, Hose Connection Type (HCVB) with Automatic Draining Feature . . . . .	Table P2902.2, P2902.2
B64.3—01	Backflow Preventers, Dual Check Valve type with Atmospheric Port (DCAP) . . . . .	Table P2902.2, P2902.2.2, P2902.2.3, P2902.4.1
B64.4—01	Backflow Preventers, Reduced Pressure Principle Type (RP) . . . . .	Table P2902.2, P2902.2.3, P2902.2.5, P2902.4.1
B64.4.1—01	Backflow Preventers, Reduced Pressure Principle Type for Fire Systems (RPF) . . . . .	Table P2902.2, P2902.2.5
B64.5—01	Backflow Preventers, Double Check Valve Type (DCVA) . . . . .	Table P2902.2, P2902.2.6
B64.5.1—01	Backflow Preventers, Double Check Valve Type for Fire Systems (DCVAF) . . . . .	Table P2902.2, P2902.2.6
B64.7—01	Vacuum Breakers, Laboratory Faucet Type (LFVB) . . . . .	Table P2902.2, P2902.2.2
B125—01	Plumbing Fittings . . . . .	Table P2701.1, P2702.2, P2708.3, P2722.1, P2722.2, P2722.3
B 125.1—05	Plumbing Supply Fittings . . . . .	P2708.4

**REFERENCED STANDARDS**

**CSA—continued**

B137.1—02	Polyethylene Pipe, Tubing and Fittings for Cold Water Pressure Services . . . . .	Table P2904.4, Table P2904.6
B137.2—02	PVC Injection-moulded Gasketed Fittings for Pressure Applications . . . . .	Table P2904.6
B137.3—02	Rigid Poly (Vinyl Chloride) (PVC) Pipe for Pressure Applications . . . . .	Table P2904.4, P3003.9.2, P3003.14.2
B137.5—02	Cross-linked Polyethylene (PEX) Tubing Systems for Pressure Applications . .	Table P2904.4, Table P2904.5, Table P2904.6
B137.6—02	CPVC Pipe, Tubing and Fittings For Hot and Cold Water Distribution Systems . . . . .	Table P2904.4, Table P2904.5, Table 2904.6
B137.8—02	Polybutylene (PB) Piping for Pressure Applications . . . . .	Table 2904.4, Table P2904.5, Table 2904.6
B137.9—02	Polyethylene/Aluminum/Polyethylene Composite Pressure-Pipe Systems . . . . .	Table 2904.4.1
B137.10—02	Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure-Pipe Systems . . . . .	Table P2904.4.1, Table P2904.5, Table M2101.1
B137.11—02	Polypropylene (PP-R) Pipe and Fittings for Pressure Applications . . . . .	Table P2904.4.1, Table 2904.5, Table P2904.6
B181.1—02	ABS Drain, Waste and Vent Pipe and Pipe Fittings. . . . .	Table P3002.1(1), Table P3002.1(2), Table P3002.2, Table P3002.4, P3003.3.2, P3003.8.2
B181.2—02	PVC Drain, Waste and Vent Pipe and Pipe Fittings. . . . .	Table P3002.1(1), Table P3002.1(2), Table P3002.2, Table P3002.3, P3003.9.2, P3003.14.2
B181.3—02	Polyolefin Laboratory Drainage Systems . . . . .	Table P3002.2, P3003.16.1
B182.2—02	PVC Sewer Pipe and Fittings (PSM Type) . . . . .	Table P3002.1(1), Table P3002.1(2), Table P3002.2, Table P3002.3
B182.4—02	Profile PVC Sewer Pipe & Fittings . . . . .	Table P3002.2, Table P3002.3
B602—02	Mechanical Couplings for Drain, Waste and Vent Pipe and Sewer Pipe . . . . .	P3003.3.1, P3003.6.3, P3003.7, P3003.8.1, P3003.14.1, P3003.15, P3003.17
LC3—00	Appliance Stands and Drain Pans. . . . .	P2801.5
CAN/CSA A257.3M—92	Joints for Circular Concrete Sewer and Culvert Pipe, Manhole Sections, and Fittings Using Rubber Gaskets . . . . .	P3003.3.5
CAN/CSA B64.1.1—01	Vacuum Breakers, Atmospheric Type (AVB). . . . .	Table P2902.2, P2902.2.2
CAN/CSA B64.2—01	Vacuum Breakers, Hose Connection Type (HCVP). . . . .	Table P2902.2, P2902.2.2
CAN/CSA B64.2.2—01	Vacuum Breakers, Hose Connection Type (HCVP) with Automatic Draining Feature . . . . .	Table P2902.2, P2902.2.2
CAN/CSA B64.3—01	Backflow Preventers, Dual Check Valve Type with Atmospheric Port (DCAP). . . . .	Table P2902.2, P2902.2.3, P2902.4.1
CAN/CSA B64.4—01	Backflow Preventers, Reduced Pressure Principle Type (RP) . . . . .	Table P2902.2, P2902.2.5
CAN/CSA B137.9—99	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipe Systems . . . . .	Table P2904.4.1
CAN/CSA B137.10M—02	Crosslinked Polyethylene/Aluminum/Polyethylene Composite Pressure Pipe Systems . . . . .	Table P2904.4.1, Table P2904.5, Table M2101.1

**CSSB**

Cedar Shake & Shingle Bureau  
515 116th Avenue, NE, Suite 275  
Bellevue, WA 98004-5294

Standard reference number	Title	Referenced in code section number
CSSB—97	Grading and Packing Rules for Western Red Cedar Shakes and Western Red Shingles of the Cedar Shake and Shingle Bureau. . . . .	R702.6, R703.5, Table R905.7.4, Table R905.8.5

**DASMA**

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

Standard reference number	Title	Referenced in code section number
108—2002	Standard Method for Testing Garage Doors: Determination of Structural Performance Under Uniform Static Air Pressure Difference . . . . .	R902.2

**DOC**

United States Department of Commerce  
100 Bureau Drive Stop 3460  
Gaithersburg, MD 20899

Standard reference number	Title	Referenced in code section number
PS 1—95	Construction and Industrial Plywood . . . . .	R404.2.1, Table R404.2.3, R503.2.1, R604.1, R803.2.1
PS 2—92	Performance Standard for Wood-based Structural-use Panels . . . . .	R404.2.1, Table R404.2.3, R503.2.1, R604.1, R803.2.1
PS 20—99	American Softwood Lumber Standard . . . . .	R404.2.1, R502.1, R602.1, R802.1

# DOTn

Department of Transportation  
400 Seventh St. S.W.  
Washington, DC 20590

Standard reference number	Title	Referenced in code section number
49 CFR, Parts 192.281(e) & 192.283 (b)	Transportation of Natural and Other Gas by Pipeline: Minimum Federal Safety Standards. . . . .	G2414.6.1

# FEMA

Federal Emergency Management Agency  
500 C Street, SW  
Washington, DC 20472

Standard reference number	Title	Referenced in code section number
TB-2—93	Flood-resistant Materials Requirements . . . . .	R324.1.7
FIA-TB-11—01	Crawlspace Construction for Buildings Located in Special Flood Hazard Area . . . . .	R408.7

# FM

Factory Mutual Global Research  
Standards Laboratories Department  
1151 Boston Providence Turnpike  
Norwood, MA 02062

Standard reference number	Title	Referenced in code section number
4450—(1989)	Approval Standard for Class 1 Insulated Steel Deck Roofs—with Supplements through July 1992 . . . . .	R906.1
4880—(2001)	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 or Exterior Finish Systems . . . . .	R314.3

# GA

Gypsum Association  
810 First Street, Northeast, Suite 510  
Washington, DC 20002-4268

Standard reference number	Title	Referenced in code section number
GA-253—99	Recommended Standard Specification for the Application of Gypsum Sheathing . . . . .	Table R602.3(1)

# HPVA

Hardwood Plywood & Veneer Association  
1825 Michael Faraday Drive  
Reston, Virginia 20190-5350

Standard reference number	Title	Referenced in code section number
HP-1—2000	The American National Standard for Hardwood and Decorative Plywood . . . . .	R702.5

# ICC

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

Standard reference number	Title	Referenced in code section number
IBC—06	International Building Code® . . . . .	R110.2, R322.1, R324.1, R324.1.5, R403.1.8, R1001.8.2, G2402.3
ADMIN—06	International Code Council Electrical Code Administrative Provisions . . . . .	R107.3, G2402.3
IEBC—06	International Existing Building Code® . . . . .	R101.2, G2401.1
IECC—06	International Energy Conservation Code® . . . . .	R104.11
IFC—06	International Fire Code® . . . . .	R102.7, G2402.3, G2412.2, G2423.1
IFGC—06	International Fuel Gas Code® . . . . .	R104.11, G2401.1

**REFERENCED STANDARDS**

**ICC—continued**

IMC—06	International Mechanical Code®	R104.11, M2106.1, G2402.3
IPC—06	International Plumbing Code®	R104.11, G2402.3
IPSDC—06	International Private Sewage Disposal Code®	R324.1.6
IPMC—06	International Property Maintenance Code®	R102.7
SBCCI SSTD 10—99	Standard for Hurricane Resistant Construction	R301.2.1.1

**ISO**

International Organization for Standardization  
1, rue de Varembe, Case postale 56  
CH-1211 Geneva 20, Switzerland

Standard reference number	Title	Referenced in code section number
15874—2002	Polypropylene Plastic Piping Systems for Hot and Cold Water Installations	Table M2101.1

**MSS**

Manufacturers Standardization Society of the Valve and Fittings Industry  
127 Park Street, Northeast  
Vienna, VA 22180

Standard reference number	Title	Referenced in code section number
SP-58—93	Pipe Hangers and Supports—Materials, Design and Manufacture	G2418.2

**NAIMA**

North American Insulation Manufacturers Association  
44 Canal Center Plaza, Suite 310  
Alexandria, VA 22314

Standard reference number	Title	Referenced in code section number
AH 116 06—02	Fibrous Glass Duct Construction Standards, Fifth Edition	M1601.1.1

**NCMA**

National Concrete Masonry Association  
2302 Horse Pen Road  
Herndon, VA 20171-3499

Standard reference number	Title	Referenced in code section number
TR 68-A—75	Design and Construction of Plain and Reinforced Concrete Masonry and Basement and Foundation Walls	R404.1
TR 68B(2001)	Basement Manual Design and Construction Using Concrete Masonry	R404.1

**NFPA**

National Fire Protection Association  
Batterymarch Park  
Quincy, MA 02269

Standard reference number	Title	Referenced in code section number
13—02	Installation of Sprinkler Systems	R317.1
31—01	Installation of Oil-burning Equipment	M1801.3.1, M1805.3
58—04	Liquefied Petroleum Gas Code	G2412.2, G2414.6.2
70—05	National Electrical Code	E3301.1, E3301.2, E4201.1, Table E4203.2, E4204.3, E4204.4
72—02	National Fire Alarm Code	R313.1
85—04	Boiler and Construction Systems Hazards Code	G2452.1
211—03	Chimneys, Fireplaces, Vents and Solid Fuel Burning Appliances	R1002.5
259—04	Test Method for Potential Heat of Building Materials	R314.2.5
286—00	Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth	R314.3, R315.4
501—03	Standard on Manufactured Housing	R202
853—03	Standard for the Installation of Stationary Fuel Cell Power Systems	M1903.1



# NFRC

National Fenestration Rating Council, Inc.  
8484 Georgia Avenue, Suite 320  
Silver Spring, MD 20910

Standard reference number	Title	Referenced in code section number
100—2001	Procedure for Determining Fenestration Product U-factors—Second Edition . . . . .	N1101.5
200—2001	Procedure for Determining Fenestration product Solar Heat Gain Coefficients and Visible Transmittance at Normal Incidence—Second Edition . . . . .	N1101.5
400—2001	Procedure for Determining Fenestration Product Air Leakage . . . . .	N1102.4.2

# NSF

NSF International  
789 N. Dixboro Road  
Ann Arbor, MI 48105

Standard reference number	Title	Referenced in code section number
14—2003	Plastic Piping System Components and Related Materials . . . . .	P2608.3, P2907.3
42—2002e	Drinking Water Treatment Units—Anesthetic Effects . . . . .	P2907.1, P2907.3
44—2004	Residential Cation Exchange Water Softeners . . . . .	P2907.1, P2907.3
53—2002e	Drinking Water Treatment Units—Health Effects . . . . .	P2907.1, P2907.3
58—2004	Reverse Osmosis Drinking Water Treatment Systems . . . . .	P2907.2, P2907.3
61—2003e	Drinking Water System Components—Health Effects . . . . .	P2608.5, P2722.1, P2903.9.4, P2904.4, P2904.5, P2904.6, P2907.3

# SAE

Society of Automotive Engineers  
400 Commonwealth Drive  
Warrendale, PA 15096

Standard reference number	Title	Referenced in code section number
J 78—(1998)	Steel Self-drilling Tapping Screws . . . . .	R505.2.4, R603.2.4, R804.2.4

# SMACNA

Sheet Metal & Air Conditioning Contractors National Assoc., Inc.  
4021 Lafayette Center Road  
Chantilly, VA 22021

Standard reference number	Title	Referenced in code section number
SMACNA—03	Fibrous Glass Duct Construction Standards (2003) . . . . .	M1601.1.1

# TMS

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

Standard reference number	Title	Referenced in code section number
402—05	Building Code Requirements for Masonry Structures . . . . .	R404.1, R606.1, R606.1.1, R606.12.1, R606.12.2.2.1, R606.11.2.2.2, R606.12.3.1
602—05	Specification for Masonry Structures . . . . .	R404.1, R606.1, R606.1.1, R606.12.1, R606.12.2.2.1, R606.12.2.2.2, R606.12.3.1

# TPI

Truss Plate Institute  
583 D'Onofrio Drive, Suite 200  
Madison, WI 53719

Standard reference number	Title	Referenced in code section number
TPI 1—2002	National Design Standard for Metal-plate-connected Wood Truss Construction . . . . .	R502.11.1, R802.10.2,

REFERENCED STANDARDS

**UL**

Underwriters Laboratories, Inc.  
333 Pfingsten Road  
Northbrook, IL 60062

Standard reference number	Title	Referenced in code section number
17—94	Vent or Chimney Connector Dampers for Oil-fired Appliances—with Revisions through September 1999	M1802.2.2
58—96	Steel Underground Tanks for Flammable and Combustible Liquids—with Revisions through July 1998	M2201.1
80—96	Steel Tanks for Oil-burner Fuel—with Revisions Through June 2003	M2201.1
103—2001	Factory-built Chimneys for Residential Type and Building Heating Appliances —with Revisions through December 2003	R202, R1005.3, G2430.1
127—99	Factory-built Fireplaces—with Revisions through November 1999	R1001.11, R1004.1, R1004.4, R1005.4, G2445.7
174—04	Household Electric Storage Tank Water Heaters—with Revisions through October 1999	M2005.1
181—96	Factory-made Air Ducts and Air Connectors—with Revisions through May 2003	M1601.2, M1601.3.1
181A—98	Closure Systems for Use with Rigid Air Ducts and Air Connectors— with Revisions through December 1998	M1601.2, M1601.3.1
181B—95	Closure Systems for Use with Flexible Air Ducts and Air Connectors— with Revisions through August 2003	M1601.2, M1601.3.1
217—1997	Single and Multiple Station Smoke Alarms—with Revisions Through January 2004	R313.1
325—02	Standard for Door, Drapery, Gate, Louver and Window Operations and Systems —with Revisions through March 2003	R309.6
343—97	Pumps for Oil-Burning Appliances—with Revisions through May 2002	M2204.1
441—96	Gas Vents—with Revisions through December 1999	G2426.1
508—99	Industrial Control Equipment	M1411.3.1
536—97	Flexible Metallic Hose—with Revisions through June 2003	M2202.3
641—95	Type L, Low-temperature Venting Systems—with Revisions through April 1999	R202, R1001.11.5, M1804.2.4, G2426.1
651—05	Schedule 40 and Schedule 80 Rigid PVC Conduit and Fittings	G2414.6.3
726—98	Oil-fired Boiler Assemblies—with Revisions through January 2001	M2001.1.1, M2006.1, G2425.1
727—98	Oil-fired Central Furnaces—with Revisions through January 1999	M1402.1
729—03	Oil-fired Floor Furnaces	M1408.1
730—03	Oil-fired Wall Furnaces	M1409.1
732—95	Oil-fired Storage Tank Water Heaters—with Revisions through January 1999	M2005.1
737—96	Fireplaces Stoves—with Revisions through January 2000	M1414.1
790—04	Standard Test Methods for Fire Tests of Roof Coverings	R902.1
795—99	Commercial-Industrial Gas Heating Equipment	G2442.1, G2452.1
834—04	Heating, Water Supply, and Power Boilers-Electric	M2001.1.1
896—93	Oil-burning Stoves—with Revisions through May 2004	M1410.1
959—01	Medium Heat Appliance Factory-built Chimneys	R1005.6
923—02	Microwave Cooking Appliances—with Revisions through January 2003	M1504.1
1040—96	Fire Test of Insulated Wall Construction—with Revisions through June 2001	R314.3
1256—02	Fire Test of Roof Deck Construction	R906.1
1261—01	Electric Water Heaters for Pools and Tubs—with Revisions through June 2004	M2006.1
1453—04	Electronic Booster and Commercial Storage Tank Water Heaters	M2005.1
1479—03	Fire Tests of Through-Penetration Firestops	R317.3.1.2
1482—98	Solid-fuel Type Room Heaters—with Revisions through January 2000	R1002.2, R1002.5, M1410.1
1715—97	Fire Test of Interior Finish Material—with Revisions through March 2004	R314.4
1738—93	Venting Systems for Gas-burning Appliances, Categories II, III and IV—with Revisions through December 2000	G2426.1
1777—04	Standard for Chimney Liners	R1003.1.8, R1003.11.1, M1801.3.4, G2425.12, G2425.15.4
1995—98	Heating and Cooling Equipment—with Revisions through August 1999	M1402.1, M1403.1, M1407.1
2158A—96	Outline of Investigation for Clothes Dryer Transition Duct	M1502.4

**ULC**

Underwriters' Laboratories of Canada  
7 Crouse Road  
Scarborough, Ontario, Canada M1R 3A9

Standard reference number	Title	Referenced in code section number
S 102—1988	Standard Methods for Test for Surface Burning Characteristics of Building Materials and Assemblies—with 2000 Revisions	R316.2



Window & Door Manufacturers Association  
 1400 East Touhy Avenue, Suite 470  
 Des Plaines, IL 60018

Standard reference number	Title	Referenced in code section number
101/I.S2/A440—05	Specifications for Windows, Doors and Unit Skylights . . . . .	R308.6.9, R613.4, N1102.4.2

