

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.

| AAMA | | American Architectural Manufacturers Association 1827 Walden Office Square, Suite 550 Schaumburg, IL 60173 |
|---------------------------|---|--|
| Standard reference number | Title | Referenced in code section number |
| 101/I.S2—97 | Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors | R613.3, N1101.3.2.2, |
| 101/I.S2/NAFS—02 | Voluntary Performance Specification for Windows, Skylights and Glass Doors | R308.6.9, R613.3, N1101.3.2. |

| ACI | | American Concrete Institute 38800 Country Club Drive Farmington Hills, MI 48333 |
|---------------------------|--|--|
| Standard reference number | Title | Referenced in code section number |
| 318—02 | Building Code Requirements for Structural Concrete | R402.2, R404.1, 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 |
| 530—02 | Building Code Requirements for Masonry Structures | R404.1, R606.1, R606.1.1, R606.11.1, R606.11.2.2.1, R606.11.2.2.2, R606.11.3.1 |
| 530.1—02 | Specifications for Masonry Structures | R404.1, R606.1, R606.1.1, R606.11.1, R606.11.2.2.1, R606.11.2.2.2, R606.11.3.1 |

| ACCA | | Air Conditioning Contractors of America 2800 Shirlington Road, Suite 300 Arlington, VA 22206 |
|---------------------------|--|--|
| Standard reference number | Title | Referenced in code section number |
| Manual D—95 | Residential Duct Systems | M1601.1, M1602.2 |
| Manual J—87 | Residential Load Calculation—Seventh Edition | M1401.3 |

| AFPA | | American Forest and Paper Association 111 19th Street, NW, Suite 800 Washington, DC 20036 |
|---------------------------|--|---|
| Standard reference number | Title | Referenced in code section number |
| NDS—01 | National Design Specification (NDS) for Wood Construction—with 2001 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 |
| 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 |

REFERENCED STANDARDS

AHA

American Hardboard Association
1210 West Northwest Highway
Palatine, IL 60067

| Standard reference number | Title | Referenced in code section number |
|---------------------------|--|-----------------------------------|
| A135.4—95 | Basic Hardboard | Table R602.3(1) |
| A135.5—95 | Prefinished Hardboard Paneling | R702.5 |
| A135.6—98 | Hardboard Siding | Table R703.4 |
| A194.1—85 | Cellulosic Fiber Board | Table R602.3(1) |

AISI

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

| Standard reference number | Title | Referenced in code section number |
|---------------------------|--|---|
| Header—2001 | Standard for Cold-formed Steel Framing-Header Design, 2001 | R603.6 |
| PM—2001 | Standard for Cold-formed Steel Framing-Prescriptive Method for One- and Two-family Dwellings | R301.1.1, R301.2.1.1(4), R301.2.2.4.1, R301.2.2.4.5 |
| Truss—2001 | 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—92 | 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 | G2414.5.3 |
| Z21.1—00 | Household Cooking Gas Appliances | G2447.1 |

ANSI—continued

| | | |
|------------------------|--|---------------------------------|
| Z21.5.1—99 | Gas Clothes Dryers—Volume I—Type I Clothes Dryers | G2438.1 |
| Z21.8—94 | Installation of Domestic Gas Conversion Burners | G2443.1 |
| Z21.10.1—00 | Gas Water Heaters—Volume I—Storage, Water Heaters with Input Ratings of 75,000 Btu per hour or Less | G2448.1 |
| Z21.10.3—98 | Gas Water Heaters—Volume III—Storage, Water Heaters with Input Ratings above 75,000 Btu per hour, Circulating and Instantaneous Water Heaters—with Z21.10.3a-99 Addendum | G2448.1 |
| Z21.11.1—91 | Gas-fired Room Heaters—Volume I—Vented Room Heaters—with 1993 Addendum (Replaced by Z21.86-98/CSA 2.32 - M98, Vented Gas-fired Space Heating Appliances) | G2446.1 |
| Z21.11.2—96 | Gas-fired Room Heaters—Volume II—Unvented Room Heaters—with Addendum A-97 and Addendum B-98 | G2445.1 |
| Z21.13—99 | Gas-fired Low Pressure Steam and Hot Water Boilers | G2452.1 |
| Z21.15—97 | Manually Operated Gas Valves for Appliances, Appliance Connector Valves and Hose End Valves | G2420.1.1 |
| Z21.22—99 | Relief Valves for Hot Water Supply Systems | P2803.2 |
| Z21.40.1—96 | Gas-fired Heat Activated Air Conditioning and Heat Pump Appliances—with Z21.40.1a-98 Addendum | G2449.1 |
| Z21.40.2—96 | Gas-fired Work Activated Air Conditioning and Heat Pump Appliances (Internal Combustion)—with Z21.40.2a-97 Addendum | G2449.1 |
| Z21.42—93 | Gas-fired Illuminating Appliances | G2450.1 |
| Z21.47—00 | Gas-fired Central Furnaces—with Addendum Z21.47a-00 | 617.1, G2442.1 |
| Z21.48—92 | Gas-fired Gravity and Fan-type Floor Furnace—with Addendum A-1993 (Replaced by Z21.86—98/CSA 2.32—M98, Vented Gas-fired Space-heating Appliances) | G2437.1 |
| Z21.49—92 | Gas-fired Gravity and Fan-type Vented Wall Furnaces—with Addendum B-1994 (Replaced by Z21.86—98/CSA 2.32—M98, Vented Gas-fired Space-heating Appliances) | G2436.1 |
| Z21.50—2000 | Vented Gas Fireplaces—with Addendum A-1999 and Addendum B-1999 | G2434.1 |
| Z21.56—98 | Gas-fired Pool Heaters—with Addendum Z21.56a-99 | 616.1, G2441.1 |
| Z21.58—95 | Outdoor Cooking Gas Appliances—with Addendum Z21.58a-1998 | 622.1, G2447.1 |
| Z21.60—2000 | Decorative Gas Appliances for Installation in Vented Fireplaces | G2432.1 |
| Z21.84—99 | Manually-listed, Natural Gas Decorative Gas Appliances for Installation in Solid Fuel Burning Fireplaces | G2432.1, G2432.2 |
| Z21.86—98/CSA 2.32 M98 | Gas-fired Vented Space Heating Appliances | G2436.1, G2437.1, G2446.1 |
| Z21.88—99 | Vented Gas Fireplace Heaters | G2435.1 |
| Z83.6—90 (R 1998) | Gas-fired Infrared Heaters | G2442.1, G2449.1, G2451.1 |
| Z83.8—96 | Gas-fired Unit Heaters—with Addendum Z83.8a-1997 | G2444.1 |
| Z97.1—84(R1994) | Safety Glazing Materials Used in Buildings—Safety Performance Specifications and Methods of Test (Reaffirmed 1994) | R308.3 |
| 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 APA-The Engineered Wood Association
P. O. Box 11700
Tacoma, WA 98411-0700

| Standard reference number | Title | Referenced in code section number |
|---------------------------|--|-----------------------------------|
| APA E30—01 | Engineered Wood Construction Guide | R803.2.3 |

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

| Standard reference number | Title | Referenced in code section number |
|---------------------------|--|--|
| 5—02 | Building Code Requirements for Masonry Structures | R404.1, R606.1, R606.1.1, R606.11.1, R606.11.2.2.1, R606.11.2.2.2, R606.11.3.1 |
| 6—02 | Specifications for Masonry Structures | R404.1, R606.1, R606.1.1, R606.11.1, R606.11.2.2.1, R606.11.2.2.2, R606.11.3.1 |
| 7—02 | 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—2001 | Designation and Safety Classification of Refrigerants. | M1411.1 |
| ASHRAE—2001 | ASHRAE Fundamentals Handbook—2001 | 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 |
|---------------------------|--|-----------------------------------|
| A112.1.2—1991(R1998) | Air Gaps in Plumbing Systems | Table P2902.2, P2902.2.1 |
| A112.1.3—2000 | Air Gap Fittings for Use with Plumbing Fixtures, Appliances, and Appurtenances. | Table P2701.1, P2902.2.1 |
| A112.3.4—2000 | Macerating Toilet Systems and Related Components | Table P2701.1, P3007.2.1 |
| A112.4.1—1993(R1998) | Water Heater Relief Valve Drain Tubes | P2803.6.2 |
| A112.4.3—1999 | Plastic Fittings for Connecting Water Closets to the Sanitary Drainage System | P3003.4.5 |
| A112.6.1M—1997 | Floor Affixed Supports for Off-the-floor Plumbing Fixtures for Public Use | P2702.4 |
| 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—2000 | Plumbing Fixture Fittings. | Table P2701.1, P2722.1 |
| A112.18.6—1999 | Flexible Water Connectors. | P2904.7 |
| A112.19.1M—1994 (R1999) | Enameled Cast Iron Plumbing Fixtures | Table P2701.1, P2711.1 |
| A112.19.2M—1998 | Vitreous China Plumbing Fixtures | Table P2701.1, P2711.1 P2712.2 |
| A112.19.3M—1987 (R1996) | Stainless Steel Plumbing Fixtures (Designed for Residential Use) | Table P2701.1, P2711.1 |
| A112.19.4M—1994 (R1999) | Porcelain Enameled Formed Steel Plumbing Fixtures | 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—1998 | Non-vitreous Ceramic Plumbing Fixtures | Table P2701.1, 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(R1999) | Pipe Threads, General Purpose (Inch) | G2414.9 |
| B16.3—1999 | 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—1993 | Factory-made Wrought Steel Butt-welding Fittings | Table P2904.6 |
| B16.11—1996 | 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—1984(R1994) | Cast Copper Alloy Solder Joint Pressure Fittings | Table P2904.6 |
| B16.22—1995 | Wrought Copper and Copper Alloy Solder Joint Pressure Fittings. | Table P2904.6 |
| B16.23—1992 | Cast Copper Alloy Solder Joint Drainage Fittings (DWV) | Table P2904.6 |
| 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—1994 | Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings-DWV | Table P2904.6 |
| B16.33—1990 | Manually Operated Metallic Gas Valves for Use in Gas Piping Systems up to 125 psig (Sizes 1/2 through 2). | G2420.1 |
| B36.10M—2000 | Welded and Seamless Wrought-steel Pipe. | G2414.4.2 |
| BPVC—1998 | Boiler and Pressure Vessel Code (Sections I, II, IV & VI) | M2001.1.1, G2452.1 |
| CSD-1—1996 | Controls and Safety Devices for Automatically Fired Boilers | M2001.1.1, G2452.1 |



American Society of Sanitary Engineering
28901 Clemens Road, Suite 100
Westlake, OH 44145

| Standard reference number | Title | Referenced in code section number |
|---------------------------|--|---|
| 1001—90 | Performance Requirements for Pipe Applied Atmospheric Type Vacuum Breakers | Table P2902.2, P2902.2.2 |
| 1002—99 | Performance Requirements for Antisiphon Fill Valves (Ballcocks) for Gravity Water Closet Flush Tanks | Table P2701.1, Table P2902.2, P2902.3.1 |
| 1003—95 | 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—98 | Performance Requirements for Water Hammer Arresters. | P2903.5 |
| 1011—95 | Performance Requirements for Hose Connection Vacuum Breakers | Table P2902.2, P2902.2.2, P2902.3.3 |
| 1012—95 | Performance Requirements for Backflow Preventers with Intermediate Atmospheric Vent | Table P2902.2, P2902.2.3, P2902.3.3, P2902.4.1, P2902.4.5 |
| 1013—99 | Performance Requirements for Reduced Pressure Principle Backflow Preventers and Reduced Pressure Fire Protection Principle Backflow Preventers | Table P2902.2, P2902.2.5, P2902.4.1, P2902.4.5 |
| 1014—90 | Performance Requirements for Hand-held Showers | Table P2701.1 |
| 1015—99 | Performance Requirements For Double Check Backflow Prevention Assemblies and Double Check Fire Protection Backflow Prevention Assemblies. | Table P2902.2, P2902.2.6 |
| 1016—96 | Performance Requirements for Individual Thermostatic, Pressure Balancing and Combination Control Valves for Individual Fixture Fittings. | 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 Vacuum Breaker Wall Hydrants, Freeze Resistant, Automatic Draining Type | Table P2701.1, Table P2902.2, P2902.2.2, P2902.3.3 |
| 1020—98 | Performance Requirements for Pressure Vacuum Breaker Assembly | Table P2902.2, P2902.2.4, P2902.3.3 |
| 1023—79 | Performance Requirements for Hot Water Dispensers Household Storage Type Electrical | Table P2701.1 |
| 1024—98 | Performance Requirements for Dual Check Valve Type Backflow Preventers | Table P2902.2 |
| 1025—78 | Performance Requirements for Diverters for Plumbing Faucets with Hose Spray, Anti-siphon Type, Residential Applications | Table P2701.1 |
| 1035—95 | Performance Requirements for Laboratory Faucet Backflow Preventers | Table P2902.2, P2902.2.2 |
| 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. | P2902.2.5, Table P2902.2 |
| 1048—99 | Performance Requirements for Double Check Detector Fire Protection Backflow Prevention Assemblies. | P2902.2.6, Table P2902.2 |
| 1050—91 | Performance Requirements for Air Admittance Valves for Plumbing Drainage, Waste and Vented Systems—Stack Type Device | P3114.1 |
| 1051—98 | Performance Requirements for Air Admittance Valves for Plumbing Drainage Systems—Fixture and Branch Devices. | P3114.1 |
| 1052—94 | Performance Requirements for Hose Connection Backflow Preventers | Table P2701.1, Table P2902.2, P2902.2.2, P2902.3.3 |
| 1056—95 | Performance Requirements for Back Siphonage Vacuum Breaker | Table P2902.2, P2902.2.4, P2902.3.3 |
| 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 In-Line Valves for Individual Fixture Fittings | P2722.3 |



ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428

| Standard reference number | Title | Referenced in code section number |
|---------------------------|--|--|
| A 36/A 36M—01 | Specification for Carbon Structural Steel | R606.14 |
| A 53/A53M—01 | Specification for Pipe, Steel, Black and Hot-dipped, Zinc-coated Welded and Seamless | Table M2101.1, Table 2904.4.1, Table P2904.5, Table P3002.1, G2414.4.2 |
| A 74—98 | Specification for Cast Iron Soil Pipe and Fittings | Table P3002.1, Table P3002.2 |
| A 106—99e | Specification for Seamless Carbon Steel Pipe for High Temperature Service | Table M2101.1, G2414.4.2 |
| A 126—01 | Specification for Gray Iron Castings for Valves, Flanges and Pipe Fittings | Table P3002.1 |
| A 153—01a | Specification for Zinc Coating (Hot Dip) on Iron and Steel Hardware | Table R606.14.1 |

REFERENCED STANDARDS

ASTM—continued

| | | |
|-------------------|---|--|
| A 167—99 | Specification for Stainless and Heat-resisting Chromium-nickel Steel Plate, Sheet, and Strip | R606.14, Table R606.14.1 |
| A 197/A197M—00 | Specification for Cupola Malleable Iron | Table P3002.1 |
| A 254—97 | Specification for Copper Brazed Steel Tubing | Table M2101.1, G2414.5.1 |
| A 312/A 312M—01 | Specification for Seamless and Welded Austenitic Stainless Steel Pipes. | Table P2904.4.1, Table P2904.5, Table P2904.6, P2904.10.2 |
| A 377—99 | Specification for Ductile Iron Pressure Pipe. | Table P2904.4.1 |
| A 510M—00 | Specification for General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel Metric | R606.14 |
| A 525-87 | Specification for Steel Sheet Zinc-coated (Galvanized) Steel Wire. | Table R606.14.1, M1601.1.1 |
| 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—01b | Specification for Deformed and Plain Billet-steel Bars for Concrete Reinforcement | R404.4.6.1, R611.6.2 |
| A 641/A 0641M—98 | Specification for Zinc-coated (Galvanized) Carbon Steel Wire. | Table R606.14.1 |
| A 653/A 0653M—00 | 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, R804.2.1, R804.2.3, Table R905.10.3 |
| A 706M—00 | Specification for Low-alloy Steel Deformed and Plain Bars for Concrete Reinforcement | R404.4.6.1, R611.6.2 |
| A 755M—99 | 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 |
| A 778—01 | Specification for Welded Unannealed Austenitic Stainless Steel Tubular Products | Table P2904.4.1, Table P2904.5, Table P2904.6 |
| A 792M—99 | 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 |
| A 875/0875M—01a | Specification for Steel Sheet, Zinc-5%, Aluminum Alloy-coated by the Hot-dip Process | R505.2.1, R505.2.3, R603.2.1, R603.2.3, R804.2.1, R804.2.3 |
| A 888—98e1 | Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Application | Table P3002.1, Table P3002.2 |
| A 951—00 | Specification for Masonry Joint Reinforcement | R606.14 |
| A 996/A 996M-00 | Specifications for Rail-steel and Axel-steel Deformed Bars Reinforcement for Concrete | R404.4.6.1, R611.6.2 |
| B 32—00 | Specification for Solder Metal | P3003.3.4 |
| B 42—98 | Specification for Seamless Copper Pipe, Standard Sizes | Table M2101.1, Table P2904.5, Table P3002.1 |
| B 43—98 | Specification for Seamless Red Brass Pipe, Standard Sizes | Table M2101.1, G2413.5.2, Table P3002.1, Table P2904.4.1, Table P2904.5 |
| B 75—99 | Specification for Seamless Copper Tube | Table M2101.1, Table P2904.4.1, Table P2904.5, Table P3002.1, Table P3002.2 |
| B 88—99e1 | Specification for Seamless Copper Water Tube | Table M2101.1, G2414.5.2, Table P2904.4.1, Table P2904.5, Table P3002.1, Table P3002.2 |
| B 101—96 | Specification for Lead-coated Copper Sheet and Strip for Building Construction | Table R905.10.3 |
| B 135—00 | Specification for Seamless Brass Tube (Metric) | Table M2101.1 |
| B 209—96 | Specification for Aluminum and Aluminum-alloy Sheet and Plate | Table 905.10.3 |
| B 227—98 | Specification for Hard-drawn Copper-clad Steel Wire | R606.14 |
| B 251—97 | Specification for General Requirements for Wrought Seamless Copper and Copper-alloy Tube | Table M2101.1, Table P2904.4.1, Table P2904.5 |
| B 280—99 | Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service | G2414.5.2 |
| B 302—00 | Specification for Threadless Copper Pipe, Standard Sizes | Table M2101.1, Table P2904.5, P2904.4 |
| B 306—99 | Specification for Copper Drainage Tube (DWV) | Table M2101.1, Table P3002.1, Table P3002.2 |
| B 370—98 | Specification for Copper Sheet and Strip for Building Construction | Table R905.10.3, Table P2701.1 |
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| C 897—00 | Specification for Aggregate for Job-mixed Portland Cement-based Plasters. | R702.2 |
| C 931—97 | Specification for Exterior Gypsum Soffit Board | R702.3.1 |
| C 933—96a(2001) | Specification for Welded Wire Lath | R702.2 |
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| C 1261—98 | Specification for Firebox Brick for Residential Fireplaces | R1003.5, R1003.8 |
| C 1277—97 | Specification for Shielded Couplings Joining Hubless Cast Iron Soil Pipe and Fittings | Table P3002.1, Table P3002.2 |
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| D 450—(00)e ¹ | Specification for Coal-tar Pitch Used in Roofing, Dampproofing and Waterproofing | Table R905.9.2 |
| D 1227—00 | Specification for Emulsified Asphalt Used as a Protective Coating for Roofing | Table R905.9.2, Table R905.11.2, R905.15.2 |
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| D 1527—99 | Specification for Acrylonite-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80 | Table P2904.4.1 |
| D 1693—01 | Test Method for Environmental Stress-cracking of Ethylene Plastics | Table M2101.1 |
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| D 2661—01 | Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings | Table P3002.1, Table P3002.2 |
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| D 2823—90(1997)e ¹ | Specification for Asphalt Roof Coatings | Table R905.9.2, Table R905.11.2 |
| D 2824—94 | Specification for Aluminum-pigmented Asphalt Roof Coatings, Non-fibered, Asbestos Fibered, and Fibered without Asbestos | Table R905.9.2, Table R905.11.2 |
| D 2837—98a | Test Method for Obtaining Hydrostatic Design Basis for Thermoplastic Pipe Materials | Table M2101.1 |
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| D 3201—94(1998)e ¹ | Test Method for Hygroscopic Properties of Fire-retardant Wood and Wood-base Products | R802.1.3.4 |
| D 3212—96a | Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals | Table P3002.2 |
| D 3309—96a | Specification for Polybutylene (PB) Plastic Hot- and Cold-water Distribution Systems. | Table P2904.4.1, Table P2904.5, Table M2101.1 |
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| D 3462—01e01 | 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—01c | Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding | Table R703.4 |
| D 3737—99 | Practice for Establishing Allowable Properties for Structural Glued Laminated Timber (Glulam) | R502.1.5, R602.1.2, R802.1.4 |
| D 3747—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. | R905.5.4, Table R905.9.2, Table R906.3.2 |
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| D 5055—00 | Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-Joists | R502.1.4 |
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| 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—00 | Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements. | Table R905.11.2 |
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| E 96—00 | Test Method for Water Vapor Transmission of Materials | R202, M1411.4, M1601.3.4, N1102.1.7 |
| E 108—99 | Test Methods for Fire Tests of Roof Coverings | R902.1, R902.2 |
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| E 136—99 | Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C | R202 |
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| E 330—97e ¹ | Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference | R613.3 |
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| F 439—01 | Specification for Socket-type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 | Table P2904.6 |
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| F 477—99 | Specification for Elastomeric Seals (Gaskets) for joining Plastic Pipe. | P2904.15 |
| F 493—97 | 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 P3002.1, Table P3002.2 |
| F 656—96a | 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 |
| F 714—00 | 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—00 | Specification for Cross-linked Polyethylene (PEX) Tubing. | Table M2101.1, Table P2904.4.1 |
| F 877—00 | Specification for Cross-linked Polyethylene (PEX) Plastic Hot- and Cold-water Distribution Systems. | Table M2101.1, Table P2904.4.1, Table P2904.5 |
| F 891—00 | Specification for Coextruded Poly (Vinyl Chloride) (PVC) Plastic Pipe with a Cellular Core | Table P3002.1, Table P3002.2 |
| F 1055—98 | Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene Pipe and Fittings. | Table M2101.1, M2104.2.1.2 |
| F 1281—e01 | Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe. | Table P2904.4.1, Table P2904.5, Table M2101.1 |
| F 1282—01a | Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe | Table P2904.4.1, Table P2904.5 |
| F 1488—00 | Specification for Coextruded Composite Pipe | Table P3002.1, P3002.2 |
| F 1667—01a | Specification for Driven Fasteners, Nails, Spikes, and Staples | R905.2.5 |
| F 1807—99 | Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing | Table P2904.6, P2904.9.1.4.2, Table M2101.1 |
| F 1960—99 | Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) Tubing | Table P2904.6 |
| F 1974—00 | Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe | Table P2904.6 |
| F 2080—01 | Specification for Cold-expansion Fittings with Metal Compression-Sleeves for Crosslinked Polyethylene (PEX) Pipe. | P2904.6, P2904.9.1.4.2 |



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

| Standard reference number | Title | Referenced in code section number |
|---------------------------|---|------------------------------------|
| C1—00 | All Timber Products — Preservative Treatment by Pressure Processes | R319.1, R323.1.7, R902.2.1 |
| C2—01 | Lumber, Timbers, Bridge Ties and Mine Ties — Preservative Treatment by Pressure Processes | R319.1, R323.1.7, Table R905.8.5 |
| C3—99 | Piles — Preservative Treatment by Pressure Processes | R319.1, R323.1.7 |
| C4—99 | Poles — Preservative Treatment by Pressure Processes | R319.1, R323.1.7 |
| C9—00 | Plywood — Preservative Treatment by Pressure Processes | R319.1, R323.1.7 |
| C15—00 | Wood for Commercial-Residential Construction Preservative Treatment by Pressure Process | R319.1, R323.1.7 |
| C18—99 | Standard for Pressure Treated Material in Marine Construction | R319.1, R323.1.7 |
| C20—99 | Structural Lumber—Fire-retardant Treatment by Pressure Processes | R802.1.3.2 |
| C22—96 | Lumber and Plywood for Permanent Wood Foundations—Preservative Treatment by Pressure Processes | R319.1, R323.1.7, R402.1.2, R504.3 |
| C23—00 | Round Poles and Posts Used in Building Construction—Preservative Treatment by Pressure Processes | R319.1, R323.1.7 |
| C24—96 | Sawn Timber Used to Support Residential and Commercial Structures | R319.1, R323.1.7 |
| C27—88 | Plywood—Fire-retardant Treatment by Pressure Process | R802.1.3.2 |
| C28—99 | Standard for Preservative Treatment by Pressure Process of Structural Glued Laminated Members and Laminations Before Gluing | R319.1, R323.1.7 |
| C31—01 | Lumber Used Out of Contact With the Ground and Continuously Protected From Liquid Water—Treatment by Pressure Processes | R319.1 |
| C33—00 | Standard for Preservative Treatment of Structural Composite Lumber by Pressure Processes | R323.1 |
| M4—01 | Standard for the Care of Preservative-treated Wood Products | R320.3.1 |
| P1/P13—01 | Standard for Creosote Preservative | R319.1, R323.1.7 |
| P2—01 | Standard for Creosote Solutions | R319.1, R323.1.7 |
| P3—01 | Standard for Creosote-petroleum Solutions | R319.1, R323.1.7 |



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

| Standard reference number | Title | Referenced in code section number |
|---------------------------|---|-------------------------------------|
| C110—98 | Standard for Ductile-iron and Gray-iron Fittings, 3 Inches through 48 Inches, for Water | Table P2904.6 |
| C115—99 | Standard for Flanged Ductile-iron Pipe with Ductile-iron or Gray-iron Threaded Flanges | Table P2904.4.1 |
| C151—96 | Standard for Ductile-iron Pipe, Centrifugally Cast, for Water | Table P2904.4.1 |
| C153—00 | Standard for Ductile-iron Compact Fittings for Water Service | Table P2904.6 |
| C510—00 | Double Check Valve Backflow Prevention Assembly | Table P2902.2, P2902.2.6 |
| C511—00 | Reduced-Pressure Principle Backflow Prevention Assembly | Table P2902.2, P2902.2.5, P2902.4.1 |



The Copper Development Association, Inc.
 260 Madison Avenue
 New York, NY 10016

| Standard reference number | Title | Referenced in code section number |
|---------------------------|--|-----------------------------------|
| 4050 | Copper in Architecture—Design Handbook | Table R905.10.3 |

REFERENCED STANDARDS

| 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 |

| Standard reference number | Title | Referenced in code section number |
|---------------------------|--|-----------------------------------|
| 301—97 | Standard Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste and Vent Piping Applications | Table P3002.1, Table P3002.2 |
| 310—97 | 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 |

| 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 |

| Standard reference number | Title | Referenced in code section number |
|---------------------------|---|-----------------------------------|
| 8—93 | Requirements for Gas Fired Log Lighters for Wood Burning Fireplaces—with Revisions through January 1999. | 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 |
| B45.1—99 | Ceramic Plumbing Fixtures | P2711.1, P2712.1 |
| B45.2—99 | Enameled Cast Iron Plumbing Fixtures | P2711.1 |
| B45.3—99 | Porcelain Enameled Steel Plumbing Fixtures | P2711.1 |
| B45.4—99 | Stainless Steel Plumbing Fixtures | P2711.1, P2712.1 |
| B45.5—99 | Plastic Plumbing Fixtures. | P2711.2, P2712.1 |
| B45.9—99 | Macerating Systems and Related Components | P3007.1 |
| B64.7—94 | Vacuum Breakers, Laboratory Faucet Type (LFVB). | Table P2902.2, P2902.2.2 |
| B137.1—99 | Polyethylene Pipe, Tubing and Fittings for Cold Water Pressure Services | Table P2904.4.1 |
| B137.2—99 | PVC Injection-moulded Gasketed Fittings for Pressure Applications | Table P2904.6 |
| B137.3—99 | Rigid Poly (Vinyl Chloride) (PVC) Pipe for Pressure Applications. | Table P2904.4.1 |
| B137.5—99 | Cross-linked Polyethylene (PEX) Tubing Systems for Pressure Applications— with Revisions through September 1992. | Table P2904.4.1, Table P2904.5 |

CSA—continued

| | | |
|---------------------|--|---|
| B137.6—99 | CPVC Pipe, Tubing and Fittings For Hot and Cold Water Distribution Systems— with Revisions through May 1986 | Table P2904.4.1, Table P2904.5 |
| LC3—00 | Appliance Stands and Drain Pans | P2801.5 |
| CAN3-B137.8M—99 | Polybutylene (PB) Piping for Pressure Applications—with Revisions through July 1992 | Table P2904.4.1, Table P2904.5 |
| 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—99 | Crosslinked Polyethylene/Aluminum/Polyethylene Composite Pressure Pipe Systems | Table P2904.4.1, Table P2904.5, Table M2101.1 |
| CAN/CSA B602—99 | Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe | Table P3002.1, Table P3002.2 |

CSSB

Cedar Shake & Shingle Bureau
515 116th Avenue, NE, #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 | Table R905.7.4, R702.6, R703.5 |
| CSSB—97 | Grading and Packing Rules for Western Red Cedar Shakes and Western Red Shingles of the Cedar Shake and Shingle Bureau | Table R905.7.4, R703.5 |

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 | R323.1.7 |
| TB-11—01 | Crawlspace Construction for Buildings Located in Special Flood Hazard Area | R408.6 |

REFERENCED STANDARDS

FM
 Factory Mutual
 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
 5203 Leesburg Pike, Suite 600
 Falls Church, VA 22041

| Standard reference number | Title | Referenced in code section number |
|---------------------------|---|--|
| IBC—03 | International Building Code® | R110.2, R322.1, R323.1, R323.1.5, R403.1.8, R1001.8.2, G2402.3 |
| ICC EC—03 | ICC Electrical Code®—Administrative Provisions. | R107.3, G2402.3 |
| IEBC—03 | International Existing Building Code® | R101.2, G2401.1 |
| IECC—03 | International Energy Conservation Code® | R104.11 |
| IFC—03 | International Fire Code® | R102.7, G2402.3, G2412.2, G2423.1 |
| IFGC—03 | International Fuel Gas Code® | R104.11, G2401.1 |
| IMC—03 | International Mechanical Code® | R104.11, M2106.1, G2402.3 |
| IPC—03 | International Plumbing Code® | R104.11, G2402.3 |
| IPSDC—03 | International Private Sewage Disposal Code® | R323.1.6 |
| IPMC—03 | International Property Maintenance Code® | R102.7 |
| SBCCI SSTD 10—99 | Standard for Hurricane Resistant Construction. | R301.2.1.1 |

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. | .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 |

NFPA

National Fire Protection Association
Batterymarch Park
Quincy, MA 02269

| Standard reference number | Title | Referenced in code section number |
|---------------------------|--|--|
| 13—99 | Installation of Sprinkler Systems | R317.1 |
| 13D—99 | Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes | R317.1 |
| 13R—99 | Installation of Sprinkler Systems in Residential Occupancies Up to and Including Four Stories in Height. | R317.1 |
| 31—01 | Installation of Oil-burning Equipment. | M1801.3.1, M1805.3 |
| 58—01 | 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—99 | National Fire Alarm Code | R313.1 |
| 85—01 | Boiler and Construction Systems Hazards Code. | G2452.1 |
| 259—98 | Standard 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—99 | Standard on Manufactured Housing | R202 |
| 853—00 | Standard for the Installation of Stationary Fuel Cell Power Plants. | 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 | N1101.3.2, N1101.3.2.1 |
| 200—2001 | Procedure for Determining Fenestration product Solar Heat Gain Coefficients and Visible Transmittance at Normal Incidence | N1101.3.2, N1101.3.2.1 |
| 400—2001 | Procedure for Determining Fenestration Product Air Leakage | N1101.3.2.2 |

NSF

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

| Standard reference number | Title | Referenced in code section number |
|---------------------------|---|-----------------------------------|
| 14—1999 | Plastic Piping System Components and Related Materials. | P2608.3, P2907.3 |
| 42—2000 | Drinking Water Treatment Units—Anesthetic Effects | P2907.1, P2907.3 |
| 44—2001 | Residential Cation Exchange Water Softeners | P2907.1, P2907.3 |

REFERENCED STANDARDS

NSF—continued

| | | |
|---------|--|---|
| 53—2001 | Drinking Water Treatment Units—Health Effects | P2907.1, P2907.3 |
| 58—2001 | Reverse Osmosis Drinking Water Treatment Systems | P2907.2, P2907.3 |
| 61—2001 | Drinking Water System Components—Health Effects | P2608.5, P2722.1, P2904.4, P2904.5, P2907.3 |

RMA

Rubber Manufacturer’s Association
1400 K Street N.W., Suite 900
Washington, DC 20005

| Standard reference number | Title | Referenced in code section number |
|---------------------------|--|-----------------------------------|
| RP1—90 | Minimum Requirements for Non-Reinforced Black EPDM Rubber Sheets | R905.12.2 |
| RP2—90 | Minimum Requirements for Fabric-Reinforced Black EPDM Rubber Sheets | R905.12.2 |
| RP3—85 | Minimum Requirements for Fabric-Reinforced Black Polychloroprene Rubber Sheets | R905.12.2 |

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—92 | Fibrous Glass Duct Construction Standards. | 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—02 | Building Code Requirements for Masonry Structures | R404.1, R606.1, R606.1.1, R606.11.1, R606.11.2.2.1, R606.11.2.2.2, R606.11.3.1 |
| 602—02 | Specification for Masonry Structures | R404.1, R606.1, R606.1.1, R606.11.1, R606.11.2.2.1, R606.11.2.2.2, R606.11.3.1 |

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, R502.11.2, R802.10.2, R802.10.3, R802.11.1 |



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 Inside Tanks for Oil-burner Fuel | M2201.1 |
| 103—98 | Factory-built Chimneys for Residential Type and Building Heating Appliances— with Revision through March 1999 | R202, R1002.3, G2430.1 |
| 127—99 | Factory-built Fireplaces—with Revisions through November 1999 | R1002.4, R1003.12, R1004.1, R1004.4, G2445.7 |
| 174—98 | 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 December 1998 | M1601.2, M1601.3.1 |
| 181A—95 | Closure Systems for Use with Rigid Air Ducts and Air Connectors— with Revisions through December 1998 | M1601.2, M1601.3.1 |
| 181B—98 | Closure Systems for Use with Flexible Air Ducts and Air Connectors— with Revisions through December 1998 | M1601.2, M1601.3.1 |
| 325—95 | Door, Drapery, Louver and Window Operations and Systems—with Revisions through June 2001 | R309.6 |
| 343—97 | Pumps for Oil-Burning Appliances—with Revisions through December 22, 1999 | M2204.1 |
| 441—98 | Gas Vents. | G2426.1 |
| 536—97 | Flexible Metallic Hose—with Revisions through October 2000 | M2202.3 |
| 641—95 | Type L, Low-temperature Venting Systems—with Revisions through April 1999 | R202, R1001.8.5, M1804.2.4, G2426.1 |
| 726—98 | Oil-fired Boiler Assemblies—with Revisions through January 1999 | M2001.1.1, M2006.1, G2425.1 |
| 727—98 | Oil-fired Central Furnaces—with Revisions through January 1999 | M1402.1 |
| 729—98 | Oil-fired Floor Furnaces—with Revisions through January 1999 | M1408.1 |
| 730—98 | Oil-fired Wall Furnaces—with Revisions through January 1999 | M1409.1 |
| 732—95 | Oil-fired Storage Tank Water Heaters—with Revisions through January 1999 | M2005.1 |
| 737—96 | Fireplaces Stoves—with Revisions through May 1998 | R1002.3, M1414.1 |
| 790—98 | Tests for Fire Resistance of Roof Covering Materials—with Revisions through July 1998 | R902.1 |
| 795—99 | Commercial-Industrial Gas Heating Equipment. | G2442.1, G2452.1 |
| 834—98 | Heating, Water Supply, and Power-Electric—with Revisions through November 1998 | M2001.1.1 |
| 896—93 | Oil-burning Stoves—with Revisions through November 1999 | M1410.1 |
| 959—01 | Medium Heat Appliance Factory-built Chimneys | R1002.6 |
| 923—95 | Microwave Cooking Appliances—with Revisions through July 20, 1998 | M1503.1 |
| 1040—96 | Fire Test of Insulated Wall Construction—with Revisions through April 2001 | R314.3 |
| 1256—98 | Fire Test of Roof Deck Construction—with Revisions through March 2000 | R906.1 |
| 1261—96 | Electric Water Heaters for Pools and Tubs—with Revisions through November 25, 1998. | M2006.1 |
| 1453—95 | Electronic Booster and Commercial Storage Tank Water Heaters—with Revisions through September 1998 | M2005.1 |
| 1479—94 | Fire Tests of Through-Penetration Firestops. | R317.3.1.2 |
| 1482—98 | Solid-fuel Type Room Heaters—with Revisions through January 2000 | M1410.1 |
| 1715—97 | Fire Test of Interior Finish Material | R314.3 |
| 1738—00 | Venting Systems for Gas-burning Appliances, Categories II, III and IV—with Revisions through December 2000 | G2426.1 |
| 1777—98 | Chimney Liners—with Revisions through July 1998 | R1001.8.1, R1001.15, 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. | M1501.1 |



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

| Standard reference number | Title | Referenced in code section number |
|---------------------------|--|-----------------------------------|
| S 102—M88 | Surface Burning Characteristics of Building Materials and Assemblies | R316.2 |

REFERENCED STANDARDS



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.S. 2—97 | Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors | R613.3 |
| 101/I.S.2/NAFS—02 | Voluntary Performance Specification for Windows, Skylights and Glass Doors | R308.6.9, R613.3, N1101.3.2.2 |
