780 CMR 100.00

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 780 CMR 5102.4.

AAMA — American Architectural Manufacturers Association, 1827 Walden Office Square, Suite 550, Schaumburg, IL 60173

Standard reference number	Referenced in code Title	section number
101/I.S2—97	Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors	5613.3, 6101.3.2.2,
101/I.S2/NAFS—02	Voluntary Performance Specification for Windows, Skylights and Glass Doors	5308.6.9, 5613.3, 6101.3.2.

ACI — American Concrete Institute, 38800 Country Club Drive, Farmington Hills, MI 48333

Standard reference number	Referenced in code Title	section number
318—02	Building Code Requirements for Structural Concrete	5402.2, 5404.1, 5404.4, 5404.4.6.1, Table 5404.4(1), Table 5404.4(2), Table 5404.4(3), Table 5404.4(4), Table 5404.4(5), 5611.1, Table 5611.3(1), Table 5611.7(1), Table 5611.7(2), Table 5611.7(3), Table 5611.7(4), Table 5611.7(5), Table 5611.7(6), Table 5611.7(7), Table 5611.7(9), Table 5611.7(10), 5611.7.1.1, Table 5611.7.4, 5612.1
530—02	Building Code Requirements for Masonry Structures	5404.1, 5606.1, 5606.1.1, 5606.11.1, 5606.11.2.2.1, 5606.11.2.2.2, 5606.11.3.1
530.1—02	Specifications for Masonry Structures	5404.1,5606.1, 5606.1.1, 5606.11.1, 5606.11.2.2.1, 5606.11.2.2.2, 5606.11.3.1

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

Standard reference number	Referenced in code Title	section number
Manual D—95	Residential Duct Systems	6601.1, 6602.2
Manual J—87	Residential Load Calculation—Seventh Edition	6401.3

AFPA

American Forest and Paper Association
111 19th Street, NW, Suite 800
Washington, DC 20036

Standard reference number	Referenced in code Title	section number
NDS—01	National Design Specification (NDS) for Wood Construction—with 2001 Supplement	5404.2.2, 5502.2, Table 5503.1, 5602.3, 5802.2
WFCM—2001	Wood Frame Construction Manual for One- and Two-family Dwellings	530 1.2.1.1
AFPA—93	Span Tables for Joists and Rafters	5502.3, 5802.4, 5802.5
T.R. No. 7—87	Basic Requirements for Permanent Wood Foundation System	5401.1

AHA

American hard Board Association
1210 West Northwest Highway
Palatine, IL 60067

Standard reference number	Referenced in code Title	section number
A135.4—95	Basic Hardboard	Table 5602.3(1)
A135.5—95	Prefinished Hardboard Paneling	5702.5
A135.6—98	Hardboard Siding	Table 5703.4
A194.1—85	Cellulosic Fiber Board	Table 5602.3(1)

AISI

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

Standard reference number	Referenced in code Title	section number
Header—2001	Standard for Cold-formed Steel Framing-Header Design, 2001	5603.6
PM—2001	Standard for Cold-formed Steel Framing-Prescriptive Method for One- and Two-family Dwellings	5301.1.1, 5301.2.1.1(4), 5301.2.2.4.1, 5301.2.2.4.5
Truss—2001	Standard for Cold-formed Steel Framing-Truss Design	5804.1.3

AITC

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

Standard reference number	Referenced in code Title	section number
AITC A 190.1—92	Structural Glued Laminated Timber	5502.1.5, 5602.1.2, 5802.1.4

ANSI

American National Standards Institute
25 West 23rd Street, Fourth Floor
New York, NY 10036

Standard reference number	Referenced in code Title	section number
A108.1A—99	Installation of Ceramic Tile in the Wet-set Method, with Portland Cement Mortar	5702.4.1
A108.1B—99	Installation of Ceramic Tile, Quarry Tile on a Cured Portland Cement Mortar Setting Bed with Dry-set or Latex-Portland Mortar	5702.4.1
A108.4—99	Installation of Ceramic Tile with Organic Adhesives or Water Cleanable Tile-setting Epoxy Adhesive	5702.4.1
A108.5—99	Installation of Ceramic Tile with Dry-set Portland Cement Mortar or Latex-Portland Cement Mortar	5702.4.1
A108.6—99	Installation of Ceramic Tile with Chemical Resistant, Water Cleanable Tile-setting and -grouting Epoxy	5702.4.1
A108.1 1—99	Interior Installation of Cementitious Backer Units	5702.4.1
A118.1—99	American National Standard Specifications for Dry-set Portland Cement Mortar	5702.4.1
A118.3—99	American National Standard Specifications for Chemical Resistant, Water Cleanable Tile-setting and Grouting Epoxy and Water Cleanable Tile-setting Epoxy Adhesive	5702.4.1
A136.1—99	American National Standard Specifications for Organic Adhesives for Installation of Ceramic Tile	5702.4.1
A137.1—88	American National Standard Specifications for Ceramic Tile	5702.4.1
A208.1—99	Particleboard	5503.3.1, 5605.1
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

APA

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

Standard reference number	Referenced in code Title	section number
APA E30—01	Engineered Wood Construction Guide	5803 .2.3

ASCE

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

Standard reference number	Referenced in code Title	section number
5—02	Building Code Requirements for Masonry Structures	5404.1, 5606.1, 5606.1.1, 5606.11.1, 5606.11.2.2.1, 5606.11.2.2.2, 5606.11.3.1
6—02	Specifications for Masonry Structures	5404.1, 5606.1, 5606.1.1, 5606.11.1, 5606.11.2.2.1, 5606.11.2.2.2, 5606.11.3.1
7—02	Minimum Design Loads for Buildings and Other Structures	5301.2.11
32—01	Design and Construction of Frost Protected Shallow Foundations	5403.1.4.1

ASHRAE

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

Standard reference number	Referenced in code Title	section number
34—2001 ASHRAE—2001	Designation and Safety Classification of Refrigerants	6411.1

ASTM

ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428

Standard reference number	Referenced in code section number	Title
A 36/A 36M—01		Specification for Carbon Structural Steel
A 53/A53M—01		Specification for Pipe Steel Black and Hot-dipped Zinc-coated Welded and Seamless
A 106—99e		Specification for Seamless Carbon Steel Pipe for High Temperature Service
A 153—01a		Specification for Zinc Coating (Hot Dip) on Iron and Steel Hardware
A 167—99		Specification for Stainless and Heat-resisting Chromium-nickel Steel Plate Sheet and Strip
A 254—97		Specification for Copper Brazed Steel Tubing
A 510M—00		Specification for General Requirements for Wire Rods and Coarse Round Wire Carbon Steel Metric
A 525-87		Specification for Steel Sheet Zinc-coated (Galvanized) Steel Wire
A 539—99		Specification for Electronic-resistance-welded Coiled Steel Tubing for Gas and Fuel Oil Lines
A 615/A 0615M—01b		Specification for Deformed and Plain Billet-steel Bars for Concrete Reinforcement
A 641/A 0641M—98		Specification for Zinc-coated (Galvanized) Carbon Steel Wire
A 653/A 0653M—00		Specification for Steel Sheet Zinc-coated (Galvanized) or Zinc-iron Alloy-coated (Galvanized) by the Hot-dip Process
A 706M—00		Specification for Low-alloy Steel Deformed and Plain Bars for Concrete Reinforcement
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
A 792M—99		Specification for Steel Sheet, 55% Aluminum-zinc Alloy-coated by the Hot-dip Process
A 875/0875M—01a		Specification for Steel Sheet Zinc-5% Aluminum Alloy-coated by the Hot-dip Process
A 951—00		Specification for Masonry Joint Reinforcement
A 996/A 996M-00		Specifications for Rail-steel and Axel-steel Deformed Bars Reinforcement for Concrete
B 42—98		Specification for Seamless Copper Pipe, Standard Sizes
B 43—98		Specification for Seamless Red Brass Pipe, Standard Sizes
B 75—99		Specification for Seamless Copper Tube
B 88—99e1		Specification for Seamless Copper Water Tube
B 10 1—96		Specification for Lead-coated Copper Sheet and Strip for Building Construction
B 135—00		Specification for Seamless Brass Tube (Metric)
B 209—96		Specification for Aluminum and Aluminum-alloy Sheet and Plate
B 227—98		Specification for Hard-drawn Copper-clad Steel Wire
B 251—97		Specification for General Requirements for Wrought Seamless Copper and Copper-alloy Tube
B 280—99		Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service
B 302—00		Specification for Threadless Copper Pipe, Standard Sizes
B 306—99		Specification for Copper Drainage Tube (DWV)

Standard reference number	Referenced in code section number
A 36/A 36M—01	5606.14
A 53/A53M—01	Table 7101.1
A 106—99e	Table 7101.1
A 153—01a	Table 5606.14.1
A 167—99	5606.14, Table 5606. 14.1
A 254—97	Table 7101.1
A 510M—00	5606.14,
A 525-87	Table 5606.14.1, 7601.1.1
A 539—99	7202.1
A 615/A 0615M—01b	5404.4.6.1, 5611.6.2
A 641/A 0641M—98	Table 5606.14.1
A 653/A 0653M—00	5505.2.1, 5505.2.3, 5603.2.1, 5603.2.3, 5804.2.1, 5804.2.3, Table 5905.10.3
A 706M—00	5404.4.6.1, 5611.6.2
A 755M—99	Table 5905.10.3
A 792M—99	5505.2.1, 5603.2.1, 5603.2.3, 5804.2.1,
A 875/0875M—01a	5505.2.1, 5505.2.3, 5603.2.1, 5603.2.3, 5804.2.1, 5804.2.3
A 951—00	5606.14
A 996/A 996M-00	5404.4.6.1 5611.6.2
B 42—98	Table 7101.1
B 43—98	Table 7101.1
B 75—99	Table 7101.1
B 88—99e1	Table 7101.1
B 10 1—96	Table 5905.10.3
B 135—00	Table 7101.1
B 209—96	Table 5905.10.3
B 227—98	5606.14
B 251—97	Table 7101.1
B 280—99	74 14.5.2
B 302—00	Table 7101.1
B 306—99	Table 7101.1

ASTM - continued

Standard reference number	Referenced in code section number	Title
B 370—98		Specification for Copper Sheet and Strip for Building Construction ..... Table 5905.10.3
B 633—98e01		Specification for Electrodeposited Coatings of Zinc on Iron and Steel .... 5505 .2.4, 5603 .2.4, 5804.2.4
B 813—00e01		Specification for Liquid and Paste Fluxes for Soldering Applications of Copper and Copper Alloy Tube ..... Table 7101.1
C 5—79(97)		Specification for Quicklime for Structural Purposes 5702.2
C 27—98		Classification of Fireclay and High-alumina Refractory Brick 6003.5, 6003.8
C 28/C28M—00		Specification for Gypsum Plasters 5702.2
C 34—96(2001)		Specification for Structural Clay Load-bearing Wall Tile ..... Table 530 1.2(1)
C 35—95(2001)		Specification for Inorganic Aggregates for Use in Gypsum Plaster 5702.2
C 36/C 0036M—01		Specification for Gypsum Wallboard 5702.3.1
C 37/C 0037M—01		Specification for Gypsum Lat 5702.2
C 55—01		Specification for Concrete Brick ..... 5202, Table 5301.2(1)
C 59/C 0059M —00		Specification for Gypsum Casting and Molding Plaster 5702.2
C 61/C 0061M—00		Specification for Gypsum Keene's Cement 5702.2
C 62—01		Specification for Building Brick (Solid Masonry Units Made from Clay or Shale) ..... 5202, Table 530 1.2(1)
C 73—99a		Specification for Calcium Silicate Face Brick (Sand Lime Brick) ..... 5202, Table 530 1.2(1)
C 79—01		Specification for Treated Core and Nontreated Core Gypsum Sheathing Board ..... Table 5602.3(1), 5702.3.1
C 90—01		Specification for Load-bearing Concrete Masonry Units ..... Table 530 1.2(1)
C 129—01		Specification for Nonload-bearing Concrete Masonry Units and Related Units ..... Table 530 1.2(1)
C 143/C 0143M—00		Test Method for Slump or Hydraulic Cement Concrete 5404.4.5, 5611.6.1
C 145—85		Specification for Solid Load-bearing Concrete Masonry Units ..... 5202, Table 530 1.2(1)
C 199—84(2000)		Test Method for Pier Test for Refractory Mortar 6001.9, 6003.5, 6003.8
C 207—97		Specification for Hydrated Lime for Masonry Purposes ..... Table 5607.1
C 208—95(200 1)		Specification for Cellulosic Fiber Insulating Board ..... Table 5602.3(1)
C 216—01a		Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale) ..... 5202, Table 5301.2(1)
C 236—89 (1993)e1		Test Method for Steady-State Thermal Performance of Building Assemblies by Means of a Guarded Hot Box 6102.1.1.1
C 270—01a		Specification for Mortar for Unit Masonry 5607.1
C 315—00		Specification for Clay Flue Lining.....Table 6001.11(1), Table 6001.11(2), 6001.8.1,7425.12
C 406—00		Specifications for Roofing Slate 5905.6.4
C 411—97		Test Method for Hot-surface Performance of High-temperature Thermal Insulation 660 1.2.1
C 475—01		Specification for Joint Compound and Joint Tape for Finishing Gypsum Wallboard 5702.3.1
C 476—01		Specification for Grout for Masonry 5609.1.1
C 514—01		Specification for Nails for the Application of Gypsum Wallboard 5702.3.1
C 557—99		Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing 5702.3.1
C 578—01		Specification for Rigid, Cellular Polystyrene Thermal Insulation 5403.3
C 587—97		Specification for Gypsum Veneer Plaster 5702.2
C 588/C0588M—99		Specification for Gypsum Base for Veneer Plasters 5702.2
C 630/0630M—01		Specification for Water-resistant Gypsum Backing Board 5702.3.1, 5702.4.2
C 631—(2000)		Specification for Bonding Compounds for Interior Gypsum Plastering 5702.2

C 645—00	Specification for Nonstructural Steel Framing Members	5702.3.3
C 652—01a	Specification for Hollow Brick (Hollow Masonry Units Made from Clay or Shale)	5202, Table 5301.2(1)
C 836—00	Specification for High Solids Content, Cold Liquid-applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course	5905.15.2
C 843—99	Specification for Application of Gypsum Veneer Plaster	5702.2
C 844—99	Specification for Application of Gypsum Base to Receive Gypsum Veneer Plaster	5702.2
C 847—(2000)	Specification for Metal Lath	5702.2
C 887—79(96)e[1]	Specification for Packaged, Dry, Combined Materials for Surface Bonding Mortar	5406.1
C 897—00	Specification for Aggregate for Job-mixed Portland Cement-based Plasters	5702.2
C 93 1—97	Specification for Exterior Gypsum Soffit Board	5702.3.1
C 933—96a(2001)	Specification for Welded Wire Lath	5702.2
C 954—00	Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness	5505.2.4, 5603.2.4, 5702.3.6, 5804.2.4
C955—01	Specification for Load-Bearing Transverse and Axial Steel Studs, Runners Tracks, and Bracing or Bridging for Screw Application of Gypsum Panel Products and Metal Plaster Bases	5702.3 .3
C 957—93(1998)	Specification for High-solids Content, Cold Liquid—Applied Elastomeric Waterproofing Membrane for Use with Integral Wearing Surface	5905.15.2
C 960—01	Specification for Predecorated Gypsum Board	5702.3.1
C 976—90(1996)e1	Test Method for Thermal Performance of Building Assemblies by Means of a Calibrated Hot Box	6102.1.1.1
C 1002—01	Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases	5702.3.1, 5702.3.6, Table 5702.3.4
C 1029—96	Specification for Spray-applied Rigid Cellular Polyurethane Thermal Insulation	5905.14.2
C 1032—96	Specification for Woven Wire Plaster Base	5702.2
C 1047—99	Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base	5702.2, 5702.3.1
C 1063—99	Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-based Plaster	5702.2
C 1157—00a	Performance Specification for Hydraulic Cement	5402.2
C 1167—96	Specification for Clay Roof Tiles	5905.3, 5905.3.4
C 1177/C 1177M—01	Specification for Glass Mat Gypsum Substrate for Use as Sheathing	5702.3.1
C 1178/C 1178M—01	Specification for Glass Mat Water-resistant Gypsum Backing Panel	5702.3.1, 5702.4.2
C 1186—99	Specification for Flat Nonasbestos Fiber Cement Sheets	5703.4
C 126 1—98	Specification for Firebox Brick for Residential Fireplaces	5003.5, 5003.8
C 1278/C 1278M—01	Specification for Fiber-reinforced Gypsum Panels	5702.3.1
C 1283—00e01	Practice for Installing Clay Flue Lining	6001.9
C 1395/C 1395M—01	Specification for Gypsum Ceiling Board	5702.3.1
C 1396—99	Specification for Gypsum Board	5702.3.1
C 1492—01	Specification for Concrete Roof Tile	5905.3.5
D 41—e01	Specification for Asphalt Primer Used in Roofing, Dampproofing, and Waterproofing	Table 5905 .9.2, Table 5905.11.2
D 43—00	Specification for Coal Tar Primer Used in Roofing, Damproofing and Waterproofing	Table 5905.9.2
D 224—89(1996)	Specification for Smooth-surfaced Asphalt Roll Roofing (Organic Felt)	5905.2.8.2
D 225—01	Specification for Asphalt Shingles (Organic Felt) Surfaced with Mineral Granule	5905.2.4
D 226—97a	Specification for Asphalt-saturated (Organic Felt) Used in Roofing and Waterproofing	5703.2, 5703.9.1, Table 5905.2.3, 5905.4.3, 5905.5.3, 5905.5.4, 5905.6.3, 5905.7.3, 5905.8.3, 5905.8.4, Table 5905.9.2
D 227—97a	Specification for Coal Tar Saturated (Organic Felt) Used in Roofing and Waterproofing	Table 5905 .9.2

D 249—89(96)	Specification for Asphalt Roll Roofing (Organic Felt) Surfaced with Mineral Granules	Table 5905.9.2, 5905.2.8.2, 5905.3.3, 5905.5.4
D 0312—00	Specification for Asphalt Used in Roofing	5905 .9.2
D 37 1—89(1996)	Specification for Asphalt Roll Roofing (Organic Felt) Surfaced with Mineral Granules: Wide-selvage	5905 .5 .4
D 422—63(1998)	Test Method for Particle-size Analysis of Soils	5403.1.7.5.1
D 449—89(1999)e01	Specification for Asphalt Used in Dampproofing and Waterproofing	5406.2
D 450—(00)e[1]	Specification for Coal-tar Pitch Used in Roofing , Dampproofing and Waterproofing	Table 5905 .9.2
D 1227—00	Specification for Emulsified Asphalt Used as a Protective Coating for Roofing	Table 5905.9.2, Table 590511.2, 5905.15.2
D 1248—00a	Specification for Polyethylene Plastics Extrusion Materials for Wire and Cable	6601.1.2
D 1693—01	Test Method for Environmental Stress-cracking of Ethylene PlasticTable	7101.1
D 1784—99a	Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds	6601.1.2
D 1863—93(2000)	Specification for Mineral Aggregate Used in Built-up Roofs	Table 5905 .9.2, Table 5906.3.2
D 1970—01	Specification for Self-adhering Polymer Modified Bitumen Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection	5905.2.3, 5905.2.8.3
D 2178—97a	Specification for Asphalt Glass Felt Used in Roofing and Waterproofing	Table 5905 .9.2
D 2412—96a	Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-plate Loading	6601.1.2
D 2447—01	Specification for Polyethylene (PE) Plastic Pipe Schedules 40 and 80, Based on Outside Diameter	Table 7101
D 2513—01a	Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings	Table 7101.1, 7104.2.1.3
D 2626—97b	Specification for Asphalt-saturated and Coated Organic Felt Base Sheet Used in Roofing	5905 .3 .3, Table 5905.9.2
D 2683—98	Specification for Socket-type Polyethylene Fittings for Outside Diameter-controlled Polyethylene Pipe and Tubing	Table 7101.1,7104.2.1.1
D 2822—91(1997)e[1]	Specification for Asphalt Roof Cement	Table 5905.9.2, Table 5905.11.2
D 2823—90(1997)e[1]	Specification for Asphalt Roof Coatings	Table 5905.9.2, Table 5905.11.2
D 2824—94	Specification for Aluminum-pigmented Asphalt Roof Coatings, Non-fibered, Asbestos Fibered, and Fibered without Asbestos	Table 5905.9.2, Table 5905.11.2
D 2837—98a	Test Method for Obtaining Hydrostatic Design Basis for Thermoplastic Pipe Materials	Table 7101.1
D 2846/D 2846M—99	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot- and Cold-water Distribution Systems	7101.1
D 2898—94(1999)	Test Methods for Accelerated Weathering of Fire-retardant-treated Wood for Fire Testing	5802.1.3.3, 5902.2
D 3019—e01	Specification for Lap Cement Used with Asphalt Roll Roofing, Non-fibered, Asbestos Fibered, and Non-asbestos Fibered	Table 5905.9.2, Table 5905.11.2
D 3035—01	Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based On Controlled Outside Diameter	Table 7101.1
D 3161—99a	Test Method for Wind Resistance of Asphalt Shingles (Fan Induced Method)	5905.2.6
D 320 1—94(1998)el	Test Method for Hygroscopic Properties of Fire-retardant Wood and Wood-base Products	5802.1.3.4
D 3309—96a	Specification for Polybutylene (PB) Plastic Hot- and Cold-water Distribution Systems	Table 7101.1
D 3350—01	Specification for Polyethylene Plastic Pipe and Fitting Materials	Table 7101.1
D 3462—01e01	Specification for Asphalt Shingles Made From Glass Felt and Surfaced with Mineral Granule	5905.2.4

D 3468—99	Specification for Liquid-applied Neoprene and Chlorosulfanated Polyethylene Used in Roofing and Waterproofing	Table 5905.15.2
D 3679—01c	Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding	Table 5703.4
D 3737—99	Practice for Establishing Allowable Properties for Structural Glued Laminated Timber (Glulam)	5502.1.5, 5602.1.2,5802.1.4
D 3747—e01	Specification for Emulsified Asphalt Adhesive for Adhering Roof Insulation	Table 5905 .9.2, Table 5905.11.2
D 3909—97b	Specification for Asphalt Roll Roofing (Glass Felt) Surfaced with Mineral Granules	5905.5.4, Table 5905 .9.2, Table 5906.3.2
D 4022—94(00)e[1]	Specification for Coal Tar Roof Cement, Asbestos Containing	Table 5905.9.2
D 4318—00	Test Methods for Liquid Limit, Plastic Limit and Plasticity Index of Soils	5403.1.7.5.1
D 4434—96	Specification for Poly (Vinyl Chloride) Sheet Roofing	5905.13.2
D 4479—00	Specification for Asphalt Roof Coatings-Asbestos-free	Table 5905.9.2
D 4586—00	Specification for Asphalt Roof Cement-Asbestos-free	Table 5905.9.2
D 460 1—98	Specification for Asphalt-coated Glass Fiber Base Sheet Used in Roofing	Table 5905.9.2
D 4637—96	Specification for EPDM Sheet Used in Single-ply Roof Membrane	5905.12.2
D 4829—95	Test Method for Expansion Index of Soils	5403.1.8.1
D 4869—88(1993)e[1]	Specification for Asphalt-saturated (Organic Felt) Underlayment Used in Steep Slope Roofing	5905.2.3
D 4897—01	Specification for Asphalt Coated Glass-fiber Venting Base Sheet Used in Roofing	Table 5905.9.2
D 4990—97a	Specification for Coal Tar Glass Felt Used in Roofing and Waterproofing	Table 5905.9.2
D 5019-96	Specification for Reinforced Non-vulcanized Polymeric Sheet Used in Roofing Membrane	5905.12.2
D 5055—00	Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-Joists	5502.1.4
D 5516—99a	Test Method for Evaluating the Flexural Properties of Fire-retardant-treated Softwood Plywood Exposed to the Elevated Temperatures	5802.1.3.2.1
D 5643—94(00)e[1]	Specification for Coal Tar Roof Cement Asbestos-free	Table 5905.9.2
D 5664—01	Test Methods For Evaluating the Effects of Fire-retardant Treatments and Elevated Temperatures on Strength Properties of Fire-retardant-treated Lumber	5802.1.3.2.2
D 5665—99a	Specification for Thermoplastic Fabrics Used in Cold-applied Roofing and Waterproofing	Table 5905.9.2
D 5726—98	Specification for Thermoplastic Fabrics Used in Hot-applied Roofing and Waterproofing	Table 5905.9.2
D 6083—97a	Specification for Liquid Applied Acrylic Coating Used in Roofing	Table 5905.9.2, Table 5905.11.2, Table 5905.15.2
D 6162—00a	Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements	Table 5905.11.2
D 6163—00	Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements	Table 5905.11.2
D 6164—00	Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Polyester Reinforcements	Table 5905.11.2
D 622 1—00	Specification for Reinforced Bituminous Flashing Sheets for Roofing and Waterproofing	Table 5905.11.2
D 6222—00e01	Specification for Atactic Polypropelene (APP) Modified Bituminous Sheet Materials Using Polyester Reinforcement	Table 5905.11.2
D 6223—00e01	Specification for Atactic Polypropelene (APP) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcement	Table 5905.11.2
D 6298—98	Specification for Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Bituminous Sheets with a Factory Applied Metal Surface	Table 5905.11.2
D 6305—98e1	Practice for Calculating Bending Strength Design Adjustment Factors for	

	Fire-Retardant-Treated Plywood Roof Sheathing	5802.1.3.2.1
E 84—01	Test Method for Surface Burning Characteristics of Building Materials	5202, 5314.1.1, 5314.2.6, 5314.3, 5315.3, 5316.1, 5316.2, 5802.1.3, 6601.2.1, 6601.4.2
E 96—00	Test Method for Water Vapor Transmission of Materials	5202, 6411.4, 6601.3 .4, 6102.1.7
E 108—99	Test Methods for Fire Tests of Roof Coverings	5902.1, 5902.2
E 119—00a	Test Methods for Fire Tests of Building Construction and Materials	5314.1.2, 5317.1, 5317.3.1
E 136—99	Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°	5202
E 152—95	Methods of Fire Tests of Door Assemblies	5314.3
E 330—97e[1]	Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference	5613.3
E 814—00	Test Method for Fire Tests of Through-penetration Firestops	5317.3.1.2
E 970—00	Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source	5316.5
E 1602—94	Guide for Construction of Solid Fuel Burning Masonry Heaters	6006.2
E 1886—97	Test Method for Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Missles and Exposed to Cyclic Pressure Differentials	530 1.2.1.2
E 1996—01	Specification for Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Windborne Debris in Hurricanes	530 1.2.1.2
F 1055—98	Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene Pipe and Fittings	Table 7101.1, 7104.2.1.2
F 128 1—e01	Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe	Table 7101.1
F 1667—01a	Specification for Driven Fasteners, Nails, Spikes, and Staples	5905.2.5
F 1807—99	Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing	Table 7101.1

AWPA

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

Standard reference number	Referenced in code Title	section number
C1—00	All Timber Products — Preservative Treatment by Pressure Processes	5319.1,5323.1.7,5902.2.1
C2—01	Lumber, Timbers, Bridge Ties and Mine Ties — Preservative Treatment by Pressure Processes	5319.1, 5323.1.7, Table 5905.8.5
C3—99	Piles — Preservative Treatment by Pressure Processes	5319.1, 5323.1.7
C4—99	Poles — Preservative Treatment by Pressure Processes	5319.1, 5323.1.7
C9—00	Plywood — Preservative Treatment by Pressure Processes	5319.1, 5323.1.7
C15—00	Wood for Commercial-Residential Construction Preservative Treatment by Pressure Process	5319.1, 5323.1.7
C18—99	Standard for Pressure Treated Material in Marine Construction	5319.1, 5323.1.7
C20—99	Structural Lumber—Fire-retardant Treatment by Pressure Processes	5802.1.3.2
C22—96	Lumber and Plywood for Permanent Wood Foundations — Preservative Treatment by Pressure Processes	5319.1, 5323.1.7, 5402.1.2, 5504.3
C23—00	Round Poles and Posts Used in Building Construction—Preservative Treatment by Pressure Processes	5319.1, 5323.1.7
C24—96	Sawn Timber Used to Support Residential and Commercial Structures	5319.1, 5323.1.7
C27—88	Plywood—Fire-retardant Treatment by Pressure Process	5802.1.3.2
C28—99	Standard for Preservative Treatment by Pressure Process of Structural Glued Laminated Members and Laminations Before Gluing	5319.1, 5323.1.7
C31—01	Lumber Used Out of Contact With the Ground and Continuously Protected from Liquid Water—Treatment by Pressure Processes	5319.1
C33—00	Standard for Preservative Treatment of Structural Composite Lumber by Pressure Processes	5323.1
M4—01	Standard for the Care of Preservative-treated Wood Products	5320.3.1
P1/P13—01	Standard for Creosote Preservative	5319.1, 5323.1.7
P2—01	Standard for Creosote Solutions	5319.1, 5323.1.7
P3—-01	Standard for Creosote-petroleum Solutions	5319.1, 5323.1.7

CDA

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

Standard reference number	Referenced in code Title	section number
4050	Copper in Architecture—Design Handbook	Table 5905.10.3

CGSB

Canadian General Standards Board
Place du Portage 111, 6B1
11 Laurier Street
Gatineau, Quebec, Canada KIA IG6

Standard reference number	Referenced in code Title	section number
37-GP—52M—(1984)	Roofing and Waterproofing Membrane, Sheet Applied, Elastomeric	5905.12.2
37-GP—56M—(1980)	Membrane, Modified Bituminous, Prefabricated and Reinforced for Roofing — with December 1985 Amendment	Table 5905.11.2
CAN/CGSB-37.54-95	Polyvinyl Chloride Roofing and Waterproofing Membrane	5905.13.2

CMR

Code of Massachusetts Regulations
Secretary of the Commonwealth
Regulations Division
One Ashburton Place, Boston, MA 02108

Various construction code requirements and other regulatory requirements are found in CMRs in addition to the regulatory requirements of the Massachusetts State Building Code (780 CMR); the CMRs identified below, along with the State Agency or Board that promulgates same, are referenced in the Seventh Edition of the Massachusetts State Building Code.

Standard reference number	Referenced in code Title	section number
105 CMR	Department of Public Health	When applicable
310 CMR	Department of Environmental Protection	When applicable
248 CMR	Board of State Examiners of Plumbers and Gasfitters	When applicable
520 CMR	Department of Public Safety	When applicable
521 CMR	Architectural Access Board	When applicable
522 CMR	Board of Boiler Rules	When applicable
524 CMR	Board of Elevator Regulations	When applicable
527 CMR	Board of Fire Prevention Regulations	When applicable

CPSC

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

Standard reference number	Referenced in code Title	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
178 Rexdale Blvd.
Rexdale (Toronto), Ontario, Canada M9W IR3

Standard reference number	Referenced in code Title	section number
0325.0—92	Construction Sheathing (Reaffirmed 1998)	5503.2.1
0437-Series—93	Standards on OSB and Waferboard (Reaffirmed 2001)	5503.2.1, 5803.2.1

CSSB

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

Standard reference number	Referenced in code Title	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 5905.7.4, 5702.6, 5703.5
CSSB—97	Grading and Packing Rules for Western Red Cedar Shakes and Western Red Shingles of the Cedar Shake and Shingle Bureau	Table 5905.7.4, 5703.5

DOC

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

Standard reference number	Referenced in code Title	section number
PS 1—95	Construction and Industrial Plywood	5404.2.1, Table 5404.2.3, 5503.2.1, 5604.1, 5803.2.1
PS 2—92	Performance Standard for Wood-based Structural-use Panels	5404.2.1, Table 5404.2.3, 5503.2.1, 5604.1, 5803.2.1
PS 20—99	American Softwood Lumber Standard	5404.2.1, 5502.1, 5602.1, 5802.1

FEMA

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

Standard reference number	Referenced in code Title	section number
TB-2—93	Flood-resistant Materials Requirements	5323.1.7
TB-11—01	Crawlspace Construction for Buildings Located in Special Flood Hazard Area	5408.6

FM

Factory Manual
Standards Laboratories Department
1151 Boston Providence Turnpike
Norwood, MA 02062

Standard reference number	Referenced in code Title	section number
4450—(1989)	Approval Standard for Class 1 Insulated Steel Deck Roofs—with Supplements through July 1992	5906.1
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	5314.3

GA

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

Standard reference number	Referenced in code Title	section number
GA-253—99	Recommended Standard Specification for the Application of Gypsum Sheathing	Table 5602.3(1)

HPVA

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

Standard reference number	Referenced in code Title	section number
HP-1—2000	The American National Standard for Hardwood and Decorative Plywood	5702.5

ICC

International Code Council
5203 Leesburg Pike, Suiter 600
Falls Church, VA 22041

Standard reference number	Referenced in code Title	section number
IBC—03	International Building Code®	5110.2, 5322.1, 5323.1, 5323.1.5, 5403.1.8, 6001.8.2, 7402.3
ICC EC—03	Mass. Electrical Code—Administrative Provisions	5107.3
IMC—03	International Mechanical Code®	5104.11,7106.1,7402.3
SBCCI SSTD 10—99	Standard for Hurricane Resistant Construction	5301.2.1.1

NAIMA

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

Standard reference number	Referenced in code Title	section number
AH 116 06—02	Fibrous Glass Duct Construction Standards	660 1.1.1

NCMA

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

Standard reference number	Referenced in code Title	section number
TR 68-A—75	Design and Construction of Plain and Reinforced Concrete Masonry and Basement and Foundation Walls	5404.1

NFPA

National Fire Protection Association
Batterymarch Park
Quincy, MA 02269

Standard reference number	Referenced in code Title	section number
13—***02***	Installation of Sprinkler Systems	5317.1
13D—***02***	Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes	5313.4
72—***02***	National Fire Alarm Code	5313.1
211—03	***Chimneys, Fireplaces, Vents, and Solid-fuel-burning Appliances***	***6007.1, Table 6007.6.1, 6007.11.1***
259—98	Standard Test Method for Potential Heat of Building Materials	5314.2.5
286—00	Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth	5314.3, 5315.4
50 1—99	Standard on Manufactured Housing	5202
853—00	Standard for the Installation of Stationary Fuel Cell Power Plants	6903.1

NFRC

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

Standard reference number	Referenced in code Title	section number
100—2001	Procedure for Determining Fenestration Product U-factors	6101.3.2, 6101.3.2.1
200—2001	Procedure for Determining Fenestration product Solar Heat Gain Coefficients and Visible Transmittance at Normal Incidence	6101.3.2, 6101.3.2.1
400—2001	Procedure for Determining Fenestration Product Air Leakage	6101.3 .2.2

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

Standard reference number	Referenced in code Title	section number
RP1—90	Minimum Requirements for Non-Reinforced Black EPDM Rubber Sheets	5905.12.2
RP2—90	Minimum Requirements for Fabric-Reinforced Black EPDM Rubber Sheets	5905.12.2
RP3—85	Minimum Requirements for Fabric-Reinforced Black Polychloroprene Rubber Sheets	5905.12.2

SAE Society of Automotive Engineers
400 Commonwealth Drive
Warrendale, PA 15096

Standard reference number	Referenced in code Title	section number
J 78—(1998)	Steel Self-drilling Tapping Screws	5505 .2.4, 5603.2.4, 5804.2.4

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

Standard reference number	Referenced in code Title	section number
SMACNA—92	Fibrous Glass Duct Construction Standards	5601.1.1

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

Standard reference number	Referenced in code Title	section number
402—02	Building Code Requirements for Masonry Structures	5404.1, 5606.1, 5606.1.1, 5606.11.1, 5606.11.2.2.1, 5606.11.2.2.2, 5606.11.3.1
602—02	Specification for Masonry Structures	5404.1, 5606.1, 5606.1.1, 5606.11.1, 5606.11.2.2.1, 5606.11.2.2.2, 5606.11.3.1

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

Standard reference number	Referenced in code Title	section number
TPI 1—2002	National Design Standard for Metal-plate-connected Wood Truss Construction	5502.11.1, 5502.11.2, 5802.10.2, 5802.10.3, 5802.11.1

UL

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

Standard reference number	Referenced in code Title	section number
17—94	Vent or Chimney Connector Dampers for Oil-fired Appliances—with Revisions through September 1999	6802.2.2
58—96	Steel Underground Tanks for Flammable and Combustible Liquids—with Revisions through July 1998	7201.1
80—96	Steel Inside Tanks for Oil-burner Fuel	7201.1
103—98	Factory-built Chimneys for Residential Type and Building Heating Appliances—with Revision through March 1999	5202, 6002.3
127—99	Factory-built Fireplaces—with Revisions through November 1999	6002.4, 6003.12, 6004.1, 6004.4
174—98	Household Electric Storage Tank Water Heaters—with Revisions through October 1999	7005.1
181—96	Factory-made Air Ducts and Air Connectors—with Revisions through December 1998	6601.2,6601.3.1
181A—95	Closure Systems for Use with Rigid Air Ducts and Air Connectors—with Revisions through December 1998	6601.2, 6601.3.1
181B—98	Closure Systems for Use with Flexible Air Ducts and Air Connectors—with Revisions through December 1998	6601.2, 6601.3.1
325—95	Door, Drapery, Louver and Window Operations and Systems—with Revisions through June 2001	5309.6
343—97	Pumps for Oil-Burning Appliances—with Revisions through December 22, 1999	7204.1
536—97	Flexible Metallic Hose—with Revisions through October 2000	7202.3
641—95	Type L, Low-temperature Venting Systems—with Revisions through April 1999	5202, 6001.8.5, 6804.2.4
737—96	Fireplaces Stoves—with Revisions through May 1998	6002.3, 6414.1
790—98	Tests for Fire Resistance of Roof Covering Materials—with Revisions through July 1998590	
959—01	Medium Heat Appliance Factory-built Chimneys	6002.6
923—95	Microwave Cooking Appliances—with Revisions through July 20, 1998	6503.1
1040—96	Fire Test of Insulated Wall Construction—with Revisions through April 2001	5314.3
256—981	Fire Test of Roof Deck Construction—with Revisions through March 2000	5906.1
1479—94	Fire Tests of Through-Penetration Firestops	5317.3.1.2
1482—98	Solid-fuel Type Room Heaters—with Revisions through January 2000	6410.1
1715—97	Fire Test of Interior Finish Material	5314.3
1777—98	Chimney Liners—with Revisions through July 1998	6001.8.1, 6001.15, 6801.3.4
1995—98	Heating and Cooling Equipment—with Revisions through August 19996402.1, 6403.1, 6407	
2158A—96	Outline of Investigation for Clothes Dryer Transition Duct	6501.1

ULC

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

Standard reference number	Referenced in code Title	section number
S 102—M88	Surface Burning Characteristics of Building Materials and Assemblies	5316.2

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

Standard reference number	Referenced in code Title	section number
101/I.S. 2—97	Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors	5613.3
101/I.S.2/NAFS—02	Voluntary Performance Specification for Windows, Skylights and Glass Doors	5308.6.9, 5613.3, 6101.3.2.2