

APPENDIX A

REFERENCED STANDARDS

Part I

The following is a listing of the standards referenced in 780 CMR, the effective date of the standard, the promulgating agency of the standard and the section(s) of 780 CMR that refer to the standard.

AA **Aluminum Association**
900 19th Street, N.W.
Suite 300
Washington, D.C. 20006

Standard reference number	Title	Referenced in 780 CMR Section number
ASM 35-80	Specification for Aluminum Sheet Metal Work in Building Construction	...2002.1, 3609.5.2
SAS 30-94	Specification for Aluminum Structures	...2002.1, 3608.4.3

AAMA **American Architectural Manufactures Association**
Suite 310
1540 Dundee Road
Palatine, IL 60067

Standard reference number	Title	Referenced in 780 CMR Section number
1402-86	Standard Specifications for Aluminum Siding, Soffit and Fascia	 1405.3.4
101-88	Voluntary Specification for Aluminum Prime Windows and Glass Doors	3606.8.1, 3606.9.1

AASHTO **American Association of State Highway and Transportation Officials**
444 North Capitol Street, N.W.
Suite 225
Washington, D.C. 20001

Standard reference number	Title	Referenced in 780 CMR Section number
HB-15-92	Standard Specifications for Highway Bridges.....	 1606.1.1

ACI **American Concrete Institute**
P.O. Box 19150
Detroit, Michigan 48219

Standard reference number	Title	Referenced in 780 CMR Section number
318-95	Building Code Requirements for Structural Concrete	...1705.6.1, 1705.6.2, 1705.6.4 Table 1705.6.3, 1810.2, 1810.6, 1815.2.3, 1821.3.6, 1901.1, 1901.2, 1903.1, 1903.4, 1903.5.2, 1904.1,

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Standard reference number	Title	Referenced in 780 CMR Section number
		1904.2, 1904.2.3 1906.1, 1906.2, 1906.4.2, 1906.5.1, 1906.6.1, 1906.7, 1907.1.3, 1907.1.4, 1908.1, 1908.2, 1908.2.1, 1908.3.1, 1908.3.4, 1908.5.2, 1908.8.2, 1910.1, 1910.3.1, 1910.5, 1910.6.2, 1910.6.5, 3604.4.1
336	Concrete Code	1815.4, 1815.7
318.1-89	Building Code Requirements for Structural Plain Concrete-with . 1992 Revisions	1810.2, 1812.3.2, 1901.2, 1904.1, 1904.2, 3604.4.1
506.2-90	Specification for Materials, Proportioning, and Application of Shortcrete.....	1911.9
ACI 530/ASCE 5/ TMS402-95	Building Code Requirements for Masonry Structures.....	707.3 1812.3.2, Table 1812.3.2, 2101.1.1, 2101.1.2, 2104.2, 2104.2.1, 2104.3, 2104.4, 2106.3.1, 3604.4.1, 3606.4.1
ACI 530.1/ ASCE6/TMS 602-95	Specifications for Masonry Structures.....	Table 1705.7, 2112.1.1

AFPA **American Forest and Paper Association**
1111 19TH Street, NW, Suite 800
Washington, D.C. 20036

Standard reference number	Title	Referenced in 780 CMR Section number
NDS-91	(National Design) Specification for Wood Construction Design Values for Wood Construction.....	3608.2.2, 2312.1, 2312.4, 2313.3.1, 2313.3.2
TR-7	Basic Requirements for Permanent Wood Foundations Systems.....	3603.22.3.4

AHA **American Hardboard Association**
520 N. Hicks Road
Palatine, Illinois 60067

Standard reference number	Title	Referenced in 780 CMR Section number
A135.4-95	Basic Hardboard	1405.3.1
A135.6-90	Hardboard Siding.....	1405.3.2, 2309.7, Table 3607.3.4

A194.1-85	Cellulosic Fiber Board.....	2309.1, Table 3606.2.3(a)
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AISC

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

Standard reference number	Title	Referenced in 780 CMR Section number
ASD-89	Specification for Structural Steel Buildings - Allowable Stress Design and Plastic Design	Table 1705.5.2, 2203.1, 2203.5, 2208.1
LFRD-93	Load and Resistance Factor Design Specifications for Structural Steel Buildings.....	Table 1705.5.2, 2203.1, 2203.5, 2208.1
AISC-92	Seismic Provisions for Structural Steel Buildings	2203.2, 2203.2.1

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AISI

American Iron and Steel Institute
Suite 1300
1010 17th Street, N.W.
Washington, D.C. 20036-4700

Standard reference number	Title	Referenced in 780 CMR Section number
AISI-73	Criteria for Structural Applications of Steel Cables for Buildings	2207.2
CFSD-ASD-86	Specification for Design of Cold- Formed Steel Structural Members - with 1989 Addendum	2206.1, 2206.3 2206.3.1
CFSD-LRFD-91	Load and Resistance Factor Design Specification for Cold-Formed Steel Structural Members	2206.1, 2206.3, 2206.3.1

AITC

American Institute of Timber Construction
Suite 407
1818 S. E. Mill Plain Blvd.
Vancouver, Washington 98684

Standard reference number	Title	Referenced in 780 CMR Section number
108-93	Standard for Heavy Timber Construction.....	2304.1
109-90	Standard for Preservative treatment of Structural Glued Laminated Timber.....	2313.1.1
112-93	Standard for Tongue and Groove Heavy Timber Roof Decking.....	2304.1
117-93	Standard Specifications for Structural Glued Laminated Timber of Softwood Species (Design).....	2304.1
119-96	Standard Specifications for Hardwood Glued Laminated Timber	2304.1
A190.1-92	Structural Glued Laminated Timber	2304.1

ANSI

American National Standards Institute
11 West 42nd Street
New York, New York 10036

Standard reference number	Title	Referenced in 780 CMR Section number
A108.1-92	Specifications for the installation of Ceramic Tile with Portland Cement Mortar.....	2105.10, 3607.2.4
A108.4-92	Installation of Ceramic Tile with Organic Adhesives or Water Cleanable Tile Setting Epoxy Adhesive	2105.10.7, 3607.2.4
A108.5-92	Installation of Ceramic Tile with Dry-Set Portland Cement Mortar or Latex-Portland Cement Mortar	2105.10.1, 2105.10.3, 3607.2.4
A108.6-92	Installation of Ceramic Tile with Chemical Resistant, Water Cleanable Tile Setting and Grouting Epoxy	2105.10.4 3607.2.4
A108.7-92	Specifications for Electrically Conductive Ceramic Tile Installed with Conductive Dry-Set Portland Cement Mortar	2105.10.2,
A117.1		426.14
A108.8-92	Installation of Ceramic Tile with Chemical Resistant Furan Mortar and Grout	2105.10.5
A108.9-92	Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout .	2105.10.6
A108.10-92	Installation of Grout in Tilework.....	2105.10.8
A108.11-90	Installation of Interior Cementitious Backer Units.....	3607.2.4
A118.1-92	Specifications for Dry-Set Portland Cement Mortar	2105.10.1, 3607.2.4
A118.2-92	Specifications for Conductive Dry-Set Portland Cement Mortar	2105.10.2
A118.3-92	Specifications for Chemical Resistant Water Cleanable Tile Setting and Grouting Epoxy and Water Cleanable Tile Setting Epoxy Adhesive	2105.10.4, 3607.2.4
A118.4-92	Specifications for Latex-Portland Cement Mortar.....	2105.10.3
A118.5-92	Specifications for Chemical Resistant Furan.....	2105.10.5
A118.6-92	Specifications for Ceramic Tile Grouts	2105.10.8
A118.8-92	Specifications for Modified Epoxy Emulsion Mortar/Grout.....	2105.10.6
A136.1-92	Specification for Organic Adhesives for Installation of Ceramic Tile, Types I ..	2105.10.7, 3607.2.4

Standard reference number	Title	Referenced in 780 CMR Section number
	and II.....	
A137.1-88	Specifications for Ceramic Tile	2105.4, 3607.2.4
A208.1-93	Wood Particleboard	2308.1, 2308.2, 3605.3.3.1, 3606.11.1
Z97.1-84	Safety Performance Specifications and Methods of Test for Safety Glazing Materials Used in Buildings	2406.1, 3603.20.1, 3603.20.4.1.1
Z21.66-85	Electrically Operated Automatic Vent Damper Devices for Use with Gas-fired Appliances.....	3621.2.2.2
NWWDA I.S.2-87	Industry Standard for Wood Window Units.....	3606.8.1
NWWDA I.S.3-88	Industry Standard for Wood Sliding Doors	3606.9.1

APA

American Plywood Association
P.O. Box 11700
Tacoma, WA 98411

Standard reference number	Title	Referenced in 780 CMR Section number
E30-90	Design and Construction Guide: Residential and Commercial	3608.3.2.3

ASCE

American Society of Civil Engineers
345 East 47th Street
New York, NY 10017

Standard reference number	Title	Referenced in 780 CMR Section number
ASCE 3-84	Specifications for the Design and Construction of Composite Slabs ..	2206.1.1
ASCE 5/ACI 530/TMS 402-95	Building Code Requirements for Masonry Structures.....	707.3, 1705.7, Table 1705.7, 1812.3.2 Table 1812.3.2, 2101.1.1, 2104.2, 2104.3, 2104.4, 2106.3.1
ASCE 6/ACI 530.1/TMS 602-95	Specifications for Masonry Structures.....	2112.1.1
ASCE 7-95	Minimum Design Loads for Buildings and Other Structures	1604.2, 1605.1, 1611.12, 1611.12.2
ASCE 8-SSD-LRFD/ASD-90	Specifications for Design of Cold-Formed Stainless Steel Structural Members.....	2206.1, 2206.3, 2206.3.1

ASHRAE

American Society of Heating, Refrigerating and Air Conditioning Engineers
1791 Tullie Circle, N.E.
Atlanta, Georgia 30329-2305

Standard reference number	Title	Referenced in 780 CMR Section number
90.1-1989	Energy Code for Commercial and High Rise Residential Buildings	1314.5.2

Standard reference number	Title	Referenced in 780 CMR Section number
	Products	
B101-92	Specification for Lead - Coated Copper Sheets	1507.3.7
B 209-89	Specification for Aluminum and Aluminum-Alloy Sheet and Plate	3609.5.2
B 227-80	Specifiation for Hard-Drawn Copper-Clad Steel Wire.....	3606.4.14
C 5 -79	Specification for Quicklime for Structural Purposes (Re-approved 1992).....	Table 2505.2, 3607.2.2
C 28-92	Specifications for Gypsum Plasters	Table 2505.2, 3607.2.2
C 31-95	Practice for Making and Curing Concrete Test Specimens in the Field	1908.3.2, 1908.3.3
C 33-93	Specifications for Concrete Aggregates.....	1906.3, Table 1907.1.1
C 34-93	Specifications for Structural Clay Load-Bearing Wall Tile.....	2105.2,
C 35-95	Specifications for Inorganic Aggregates for Use in Gypsum Plaster	Table 2505.2, 3607.2.2
C 36-92	Specifications for Gypsum Wallboard.....	Table 2503.2, 3607.2.3.1
C 37-92	Specifications for Gypsum Lath	Table 2505.2, 3607.2.2
C 39-94	Test Method for Compressive Strength of Cylindrical Concrete Specimens	1908.3.2
C 55-95	Specification for Concrete Building Brick	2105.1
C 56-93	Specification for Structural Clay Non-Load-Bearing Tile.....	2105.2
C 59-91	Specifications for Gypsum Casting and Molding Plaster	Table 2505.2, 3607.2.2
C 61-95	Specifications for Gypsum Keene's Cement.....	Table 2505.2, 3607.2.2
C 62-95a	Specifications for Building Brick (Solid Masonry Units made from from Clay or Shale).....	2105.2, 3602.2
C 67-94	Test Methods of Sampling and Testing Brick and Structural Clay Tile	2112.5
C 73-95	Specifications for Calcium Silicate Face Brick (Sand Lime Brick)	2105.1
C 79-95	Specifications for Gypsum Sheathing Board.....	Table 2503.2, Table 3606.2.3(a)
C 90-85	Hollow Load-Bearing Concrete Masonry Units	3602.2
C 94-95	Specifications for Ready-Mix Concrete.....	1908.5.1
C 126-95	Specifications for Ceramic Glazed Structural Clay Facing Tile, Facing Brick and Solid Masonry Units.....	2105.2
C129-85	Nonload-Bearing Concrete Masonry Units	3602.2
C145-85	Solid Load-Bearing Concrete Masonry Unit	3602.2
C150-95	Specification for Portland Cement.....	1906.2, 1907.1.2.1, 1907.1.2.2.3, 1908.2.1, 1908.2.2, Table 2505.2, 3604.2.2
C 172-90	Practice for Sampling Freshly Mixed Concrete.....	1908.3.2
C 206-84	Specification for Finishing Hydrated Lime	Table 2505.2
C 208-95	Specification for Cellulosic Fiber Insulating Board	2309.1, Table 3606.2.3(a)
C 212-93	Specification for Structural Clay Facing Tile	2105.2
C 216-95a	Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale)	2105.2
C 222-91	Specifications for Asbestos-Cement Roofing Shingles	1507.2.1
C 231-91b	Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method	1907.1.1
C 260-95	Specification for Air-Entraining Admixtures for Concrete	1906.6.2
C 270-95	Specification for Mortar for Unit	2105.7, 3606.7.1.1
C 330-89	Specification for Lightweight Aggregates for Structural Concrete	1906.3
C 406-89	Specification for Roofing Slate.....	1507.2.7, 3609.4.2
C 474-94	Test Methods for Joint Treatment Materials for Gypsum Board Construction...	Table 2503.2
C 475-94	Specification for Joint Compound and Joint Tape for Finishing Gypsum Board	Table 2503.2, 3607.2.3.1
C476-95	Specification for Grout for Masonry	2105.11, 3606.7.1.1
C494-92	Specification for Chemical Admixtures for Concrete.....	1906.6.2
C503-89	Specification for Marble Dimension Stone (Exterior).....	2105.3
C514-94	Specification for Nails for the Application of Gypsum Wallboard	Table 2503.2, 3607.2.3.1
C532-88	Specification for Structural Insulating Formboard (Cellulosic Fiber)	2309.1
C 557-93	Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing	3607.2.3.1
C 568-89	Specification for Limestone Dimension Stone	2105.3
C 578-87	Specification for Preformed Cellular Polytyrene Thermal Insulation	3604.3.3
C 587-91	Specification for Gypsum Veneer Plaster.....	Table 2505.2, 3607.2.2
C 588-95	Specification for Gypsum Base for Veneer Plasters	Table 2505.2, 3607.2.2
C 595-95a	Specification for Blended Hydraulic Cements	1907.1.2.1, 1907.1.2.2.1,

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		1907.1.2.2.2, 1908.2.2, 3604.2.2
C 615-92	Specification for Granite Dimension Stone	2105.3
C 616-95	Specification Quartz- Based Dimension Stone	2105.3
C 618-95	Specification for Fly Ash and Raw or Calcined Natural Pozzolan for Use as a Mineral Admixture in Portland Cement Concrete.....	1906.6.3, 1907.1.2.1, 1907.2.2.1
C 629-89	Specification for Slate Dimension Stone	2105.3
C 630-95	Specification for Water - Resistant Gypsum Backing Board	Table 2503.2, 2503.4 3607.2.4.1
C 631-95a	Specification for Bonding Compounds for Interior Plastering.....	Table 2505.2, 3607.2.2
C 645-95a	Specification for Non-Load (Axis) Bearing Steel Studs, Runners (Track), and Rigid Furring Channels for Screw Application of Gypsum Board	Table 2503.2, Table 2505.2, 3607.2.3.3
C 652-95c	Specification for Hollow Brick (Hollow Masonry Units Made from Clay or Shale).....	2105.2
C 685-95	Specification for Concrete Made by Volumetric Batching and Continuous Mixing	1908.5.1
C 744-95a	Specification for Prefaced Concrete and Calcium Silicate Masonry Units	2105.1
C 754-95a	Specification for Installation of Steel Framing Members to Receive Screw- Attached Gypsum Board	Table 2504.1
C 836-89a	Specification for High- Solids Content, Cold Liquid- Applied Elastometric Waterproofing Membrane for Use With Separate Wearing Course.....	1507.3.6
C 841-90	Specification for Installation of Interior Lathing and Furring	Table 2504.1
C 842-85	Specification for Application of Interior Gypsum Plaster	Table 2504.1
C 843-94	Specification for Application of Gypsum Veneer Plaster.....	Table 2504.1, 3607.2.2
C844-85	Specification for Application of Gypsum Base to Receive Gypsum Veneer Plaster	Table 2504.1, 3607.2.2
C847-93	Specification for Metal Lath (Re-approved 1992).....	Table 2505.2, 3607.2.2
C887-95	Specification for Packaged, Dry, Combined Materials for Surface Bonding Mortar.....	1813.3.2.2, 2105.8, 3604.6.1
C897-95a	Specification for Aggregate for Job-Mixed Portland Cement-Based Plasters	Table 2505.2, 3607.2.2
C926-95	Specification for Application of Portland Cement Based-Plaster.....	2506.3
C932-85	Specification for Surface-Applied Bonding Agents for Exterior Plastering.....	Table 2505.2
C933-85	Specification for Welded Wire Lath (Re-approved 1990).....	Table 2505.2, 3607.2.2
C946-91	Practice for Construction of Dry-stacked, Surface-Bonded Walls	2105.8, 2106.4
C954-93	Specification for Steel Drill Screws for the Application of Gypsum Board or Metal Plaster Bases to Steel Studs from 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness	Table 2503.2, Table 2505.2, 3607.2.3.5
C955-95b	Specification for Load Bearing (Transverse and Axial) Steel Studs, Runners (Track), and Bracing or Bridging for Screw Application of Gypsum and Metal Plaster Bases.....	Table 2505.2, 3607.2.3.3
C957-93	Specification for High- Solids Content, Cold Liquid- Applied Elastometric Waterproofing Membrane with Integral Wearing Surface.....	1507.3.6
C960-91	Specifications for Predecorated Gypsum Board	3607.2.3.1
C989-95	Specification for Ground Granulated Blast - Furnace Slag for Use in Concrete and Mortars.....	1906.6.4, 1907.1.2.1, 1907.1.2.2.2,
C1002-93	Specification for Drill Screws for the Application of Gypsum Board or Metal Plaster Bases.....	Table 2503.2, Table 2505.2, 3607.2.3.1, 3607.2.3.5
C1007-83	Specification for Installation of Load Bearing (Transverse and Axial) Steel Studs Accessories and Related Accessories	Table 2504.1
C1029-90	Specification for Spray - Applied Rigid Cellular Polyurethane Thermal Insulation	1507.3.5
C1032-86	Specification for Woven Wire Plaster Base (Re-approved 1990)	3607.2.2
C1047-85	Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base (Re-approved 1990).....	3607.2.2, 3607.2.3.1

Standard reference number	Title	Referenced in 780 CMR Section number
C1063- 95a	Specification for Installation of Lathing and Furring for Portland Cement - Based Plaster	2506.3, 3607.2.2
C1088-94	Specification for Thin Veneer Brick Units Made from Clay or Shale.....	2105.2
D1586		
D25-91	Specification for Round Timber Piles.....	1822.1
D56-93	Test Method for Flash Point by Tag Closed Tester	307.2
D86	Test Method for Distillation of Petroleum Products.....	307.2
D93-94	Test Methods for Flash Point by Pensky-Martens Closed Tester.....	307.2
D224-89	Specification for Smooth- Surfaced Asphalt Roll Roofing (Organic Felt).....	1507.2.2
D225-95	Specification for Asphalt Shingles (Organic Felt) Surfaced With Mineral Granules.....	1507.2.3
D226-95	Specification for Asphalt- Saturated Organic Felt Used in Roofing and Waterproofing	Table 1507.3.1
D227-95	Specification for Coal-Tar Saturated Organic Felt Used in Roofing and Waterproofing	Table 1507.3.1
D249-89	Specification for Asphalt Roll Roofing (Organic Felt) Surfaced with Mineral Granules.....	1507.2.2
D312-95	Specification for Asphalt Used in Roofing.....	Table 1507.3.1, 3609.7.4.2
D323-94	Test Method for Vapor Pressure of Petroleum Products (Reid Method).....	307.2
D368	Tension Load Test	
D371-89	Specification for Asphalt Roll Roofing (Organic Felt) Surfaced with Mineral Granules; Wide- Selvage.....	1507.2.2
D450-91	Specification for Coal-Tar Pitch Used in Roofing, Dampproofing, and Waterproofing	Table 1507.3.1
	(Note 568-77 has been discontinued and not replaced by ASTM)	
D635-91	Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position	2601.2, 2604.1
D1143-81	Test Method for Piles under Static Axial Compressive Load	1817.4.2, 1817.4.3
D1227-87	Specification for Emulsified Asphalt Used as a Protective Coating for Roofing	1507.3.6
D1248-84 (1989)	Specification for Polystyrene Plastics Molding and Extrusion Materials.....	3619.1.1.2
D1557	Test methods for Moisture-Density Relations of Soils and Soil Aggregate Mixtures Using 10-lb. (4.54-kg) Rammer and 18-in. (457-mm) Drop	1804.3.2, 1805.3
D 1586-84	Method for Penetration Test and Split Barrel Sampling of Soils	Table 1804.3, App. D
D1761-88	Test Methods for Mechanical Fasteners in Wood	2312.1, 2312.2, 2312.3
D1784-90	Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.....	3619.1.1.2
D1863- 86	Specification for Mineral Aggregate Used on Built-Up Roofs.....	Table 1507.3.1
D 1929-93	Test Method for Ignition Properties of Plastics	2601.2, 2604.2
D2178-89	Specification for Asphalt Glass Felt Used in Roofing and Waterproofing.....	Table 1507.3.1
D2412-87	Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading	3619.1.1.2
D2487	Classification of Soils for Engineering Purposes (Unified Soil Classification System).....	Appendix D
D2488	Practice for description and Identification of Soils (Visual-Manual Procedure)	Appendix D
D2626-95	Specification for Asphalt-Saturated and Coated Organic Felt Base Sheet Used in Roofing.....	Table 1507.3.1
	(Note: D2277-87 has been discontinued and not replaced by ASTM)	
D2843-93	Test Method for Density of Smoke from the Burning or Decomposition of Plastics.....	2601.2, 2604.1
D2898-94	Methods for Accelerated Weathering of Fire-Retardant Tested Wood for Fire Testing.....	1506.2, 2310.3
D2938		Table 1804.3, App. D
D3161-81	Test Method for Wind Resistance of Asphalt Shingles	1505.2.3
D3201-94	Test Method for Hygroscopic Properties of Fire-Retardant Wood and Wood-based Products	2310.3
D3462-93a	Specification for Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules.....	1507.2.3
D3468-90	Specification for Liquid- Applied Neoprene and Chlorosulfonated Polyethylene Used in Roofing and Waterproofing	1507.3.6
D3672-86	Specification for Venting Asphalt - Saturated and Coated Inorganic Felt Base Sheet Used in Roofing.....	Table 1507.3.1
D3679-88	Rigid Poly (Vinyl Chloride) (PVC) Siding.....	Table 3607.3.4
D3689-90	Test Method Individual Piles under Static Axial Tensile Load	1817.7.2
D3746-85	Test Method for Impact Resistance of Bituminous Roofing Systems	1505.3.2

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D3909-95a	Specification for Asphalt Roll Roofing (Glass Felt) Surfaced with Mineral Granules.....	1507.2.2, Table 1507.3.1
D3966-90	Test Method for Piles Under Lateral Loads.....	1817.6.2
D4099-89	Specification for Poly (Vinyl Chloride) (PVC) Prime Wndows	3606.8.1
D4272-90a	Test Method for Total Energy Impact of Plastic Films by Dart Drop	1505.3.2
D4434-87	Specification for Poly (Vinyl Chloride) Sheet Roofing.....	1507.3.3
D4601-95	Specification for Asphalt Coated Glass Fiber Base Sheet Used in Roofing.....	Table 1507.3.1
D4637-87	Specification for Vulcanized Rubber Sheet Used in Single-Ply Roof Membrane	1507.3.2
D5055-95a	Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-Joists	2313.5
E72-95	Methods of Conducting Strength Tests of Panels for Building Construction	2305.7
E84-95b	Test Method for Surface Burning Characteristics of Building Materials.....	412.3.6.3, 428.11, 704.4 803.2, 803.3.2, 2310.2, 2601.2, 2603.3, 2603.6.3, 2603.7.4, 2604.1, 2805.2.2, 3105.3, 3603.17.1.1, 3603.17.2.6, 3603.17.3, 3603.18.3, 3603.19.1, 3603.19.2, 3612.2
E90-90	Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions	1214.2, 3603.4.3.1
E96-90	Standard Test for Water Vapor Transmission of Materials	
E108-95	Test Methods for Fire Tests of Roof Coverings	1506.1, 1506.2, 2608.2, 2608.3
E119-95a	Test Methods for Fire Tests of Building Construction and Materials.....	412.3.6.2, 704.1.1, 705.2.4 705.4, 707.7.2, 707.7.3, 707.8.1.2, 709.6.1, 709.6.2, 709.6.4, 709.7.1.2, 713.4.2, 2105.2, 2603.4, 3603.4.1
E136-95	Test Method for Behavior of Materials in Vertical Tube Furnace at 750°C	704.4.1.1, 3612.2
E152-81a	Methods of Fire Tests of Door Assemblies	716.1, 716.1.1, 3603.17.3
E163-84	Methods of Fire Tests of Window Assemblies.....	718.1, 719.1
E283-91	Test Method for Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified PressureDifferences Across the Specimen.....	3606.8.2, 3606.9.2
E492-90	Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tapping Machine.....	1214.3, 3603.4.3.3
E648-95	Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source.....	805.2
E814-94b	Test Method for Fire Tests of Through-Penetration Fire Stops.....	707.7.2, 707.7.3, 709.6.1, 709.6.2, 713.4.1
E838-81	Practice for Performing Accelerated Outdoor Weathering Using Concentrated Natural Sunlight	1505.3.1
E970-89	Test Method for Critical Rdiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Sources.....	3603.19.4
E1509- G23-95	Specification for Room Heaters, Pellet Fuel-Burning Type..... Practice for Operating Light- Exposure Apparatus (Carbon- Arc Type) With and Without Water for Exposure of Nonmetallic Materials	 1505.3.1
G26-95	Practice for Operating Light- Exposure Apparatus (Xenon- Arc Type) With and Without Water for Exposure of Nonmetallic Materials	1505.3.1
G53-95	Practice for Operating Light- and Water- Exposure Apparatus (Fluorescent UV - Condensation Type) for Exposure of Nonmetallic Materials.....	1505.3.1

AWPA

American Wood Preservers Association
P.O. Box 5690
Granbury, TX 76049
(1-817-326-6300)

Standard reference number	Title	Referenced in 780 CMR Section number
C1-95	All Timber Products -Preservative Treatment by Pressure Processes.....	1506.3, 2311.3, 3603.22.3.1
C2-95	Lumber, Timber, Bridge Ties and Mine Ties -Preservative Treatment by Pressure Processes	1808.1, 1808.2, 2311.3, 2311.4, 2311.5, 2311.7, 3603.22.3.1, 3603.22.4
C3-97	Piles - Preservative Treatment by Pressure Processes.....	1808.1, 1822.2, 3603.22.3.1
C4-95	Poles - Preservative Treatment by Pressure Processes.....	3603.22.3.1
C9-95	Plywood- Preservative Treatment by Pressure Processes	2311.3, 2311.4, 2311.5, 2311.7, 3603.22.3.1, 3603.22.4
C15-90	Wood for Commercial-Residential Construction Preservative Treatment by Pressure Process.....	3603.22.3.1
C18-90	Standard for Pressure-treated Material in Marine Construction.....	3603.22.3.1
C20-93	Structural Lumber - Fire- Retardant Treatment Pressure Processes.....	2310.2, 3603.22.3.1
C22-93	Lumber and Plywood for Permanent Wood Foundations - Preservative Treatment by Pressure Processes	1808.3, 3603.22.3.1, 3604.2.1.2, 3605.4.3
C23-84	Round Poles and Posts Used in Building Construction, Preservative Treatment by Pressure Process	3603.22.3.1
C24-86	Sawn Timber Piles Used for Residential Commerce Building	3603.22.3.1
C27-93	Plywood- Fire-Retardant Treatment by Pressure Process	2310.2, 3603.22.3.1
C28-90	Standard for Preservative Treatment of Structural Glues-Laminated Members and Laminations Before Cluing of Southern Pine, Pacific Coast Douglas Fir, Hem-fir and Western Hemlock by Pressure Process	
M4-95	Standard for the Care of Preservative- Treated Wood Products	1822.2
P1/P13-95	Standard for Coal Tar Creosote for Land and Fresh Water and Marine (Coastal Water) Use.....	2311.3, 3603.22.3.1
P2-95	Standard for Creosote Solutions.....	2311.3, 3603.22.3.1
P3-89	Standard for Creosote - Petroleum Oil Solution	3603.22.3.1
P5-95	Standards for Waterborne Preservatives	2311.3, 3603.22.3.1, 3604.2.1.2
P8-95	Standards for Oil- Borne Preservatives	2311.3, 3603.22.3.1
P9-92	Standards for Solvents and Formulations for Organic Preservative Systems	2311.3, 3603.22.3.1

AWS

American Welding Society
550 N.W. Lejeune Road
P.O. Box 351040
Miami, Florida 33135

Standard reference number	Title	Referenced in 780 CMR Section number
D1.1-92	Structural Welding Code- Steel	1705.5.3.2.1
D1.4-92	Structural Welding Code- Reinforced Steel	1906.5.2

BOCA

Building Officials and Code Administrators International
4051 West Flossmoor Road
Country Club Hills, Illinois 60477-5795

Standard reference number	Title	Referenced in 780 CMR Section number
BNFOC-93	BOCA National Fire Prevention Code Note: 527 CMR is the Fire Prevention code for Massachusetts	
BNMC-93	BOCA National Mechanical Code	201.3, 307.8, 408.4.1, 408.5, 411.3, 416.9, 417.1, 417.3, 418.3.1.4, 418.3.2, 418.3.2.3, 418.3.3, 418.3.4, 419.2, 419.2.1, 602.4.2, 602.4.3, 717.2, 722.2, 913.1, 1203.1, 1208.3, 1209.1, 1210.3, 2114.2, 2114.9, 2305.12, 2801.2, 2802.1, 2802.3, 2804.1, 2805.2.3, 2805.2.4, 2808.3, 2811.1, 3107.6, 3309.2, 3603.6.7.1
BNPC-93	BOCA National Plumbing Code Note: 248 CMR is the Plumbing Code for Massachusetts	

CGSB

Canadian General Standards Board
Technical Information Unit
PC1, Phase III, Place Du Portage
Hull, Ottawa, Canada K1A 1G6

Standard reference number	Title	Referenced in 780 CMR Section number
37-GP-52M-84	Roofing and Waterproofing Membrane, Sheet Applied, Elastometric.....	1505.3.2, 1507.3.2
37-GP-54M-79	Roofing and Waterproofing Membrane, Sheet Applied, Flexible, Polyvinyl Chloride.....	1507.3.3
37GP-56M-80	Membrane, Modified, Bituminous, Prefabricated, and Reinforced for Roofing - with Dec. 1985 revision	1507.3.4

CPSC

Consumer Product Safety Commission
Office of the Secretary
Washington, D.C. 20207

Standard reference number	Title	Referenced in 780 CMR Section number
16CFR Part 1201-77	Safety Standard for Architectural Glazing.....	2405.1, 2406.1, 2407.2, 3603.20.4.1, 3603.20.4.1.1
16CFR Part 1209-86	Interim Safety Standard for Cellulose Insulation.....	722.4
16CFR Part 1404-86	Cellulose Insulation	722.4
16CFR Part 1500-84	Hazardous Substances and Articles; Administration and Enforcement Regulations.....	307.2
16CFR, Part 1630 (DOC FF-1)-70	Standard for the Surface Flammability of Carpets and Rugs.....	805.3, 805.5

CSA

Canadian Standards Association
178 Rex Dale Boulevard
Rex Dale, Ontario, Canada M9W1R3

Standard reference number	Title	Referenced in 780 CMR Section number
CSA 0437-M92	OSB and Waferboard.....	3605.3.2.1.2, 3608.3.2.1.3

CSSB

Cedar Shake and Shingle Bureau
515 116TH Avenue, NE, Suite 275
Bellevue, WA 98004

Standard reference number	Title	Referenced in 780 CMR Section number
CSSB-84	Grading and Packing Rules for Certigrade Red Cedar Shingles (Revised February 1, 1984)	3609.8.2
CSSB-85	Grading and Packing Rules for Cert-Split Red Cedar Shakes (Revised October 1, 1985)	3609.9.2
CSSB-90	Grading Rules for Shake Hip and Ridge based on the Standards of the Cedar Shake and Shingle Bureau	3609.8.3.3, 3609.9.3.4
CSSB-90	Grading Rules for Certi-Sawn Taper-Sawn Cedar Shakes (Revised May 30, 1990)	3609.9.2
CSSB-90	Wood Shakes (Preservative Treated) based on Grading and Packing Rules for Treated Southern Pine Taper-Sawn Shakes of the Cedar Shake and Shingle Bureau	3609.9.3
CSSB-93	Grading Rules for Wood Shakes and Shingles..... Exterior and Interior Walls - Design and Application Manual for, 1989 New Roof Coverings - Red Cedar Shingle and Shake Design and Application Manual for, 1989 Red Cedar Shingles - Grading Rules for Certi-Grade, 1984 Wood Shakes - Grading Rules for Certi-Sawn Taper Sawn Red Cedar Shakes, 1981 Grading Rules for Certi-Split Red Cedar Shakes, 1985 Wood Shingles - Grading Rules for Certi-Grade Shingles, 1984	3607.2.6, 3607.3.5

CWC

Canadian Wood Council
1730 St. Laurent Boulevard - Suite 350
Ottawa, Ontario, Canada K1G 5L1

Standard reference number	Title	Referenced in 780 CMR Section number
CWC-87	Canadian Dimension Lumber Data Book	3608.2.2

DOC

United States Department of Commerce
National Institute of Standards and Technology
Gaithersburg, MD 20899

Standard reference number	Title	Referenced in 780 CMR Section number
PS 1-95	Construction and Industrial Plywood.....	2306.4.6, 2307.1, 3606.10.1, 3608.3.2.1, Table 3604.4.3.3
PS 2-95	Performance Standard for Wood- Based Structural- Use Panels .	2307.1, 3604.4.3.3, 3605.3.2.1, 3605.3.2.1.2, 3606.10.1 3608.3.2.1
PS 20-94	American Softwood Lumber Standard -with 1991 Amendments	2302.1, 3604.4.3.1, 3605.2.1, 3606.2.1, 3608.2.1
FF-1(CPSC 16 CFR, Standard for the Surface Flammability of Carpet and Rugs Part 1630) -70		805.3, 805.5

DOTn

U.S. Department of Transportation
c/o Superintendent of Documents
U.S. Government Printing Office
Washington, D.C. 20402-9325

Standard reference number	Title	Referenced in 780 CMR Section number
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780 CMR: STATE BOARD OF BUILDING REGULATIONS AND STANDARDS

THE MASSACHUSETTS STATE BUILDING CODE

Standard reference number	Title	Referenced in 780 CMR Section number
49 CFR, Part 100-178 & 179-199 -88	Specification for Transportation of Explosive and Other Dangerous Articles, Shipping Containers	307.2

EIA

Electronics Industries Association
2001 Pennsylvania Avenue, NW
Washington, D.C. 20006

Standard reference number	Title	Referenced in 780 CMR Section number
222-E - 91	Structural Standards for Steel Antenna Towers and Antenna Supporting Structures	3108.4

FM

Factory Mutual Engineering Corporation
Standards Laboratories Department
1151 Boston Providence Turnpike
Norwood, Massachusetts 02062

Standard reference number	Title	Referenced in 780 CMR Section number
4450-90	Approval Standard for Class I Insulated Steel Deck Roofs -with Supplement (July 1992)	1505.2.2, 2603.4.1.5
4470-86	Approval Standard for Class 1 Roof Coverings -with Supplement 3 (August 1992).	1505.2.2, 1505.3.2
4880-94	Test Procedure for Building Corner Fire Test.....	2603.8, 3603.17.3

GA

Gypsum Association
103 Orrington Avenue, Suite 1210
Evanston, IL 60201

Standard reference number	Title	Referenced in 780 CMR Section number
GA 253-93	Recommended Specification for the Application of Gypsum Seathing	Table 3606.2.3(a)

HPMA

Hardwood Plywood Manufactures Association
1825 Michael Faraday Drive, P.O. Box 2789
Reston, Virginia 22090-2789

Standard reference number	Title	Referenced in 780 CMR Section number
HP-83	Hardwood and Decorative Plywood.....	2307.1, 3607.2.5
HP-SG-86	Structural Design Guide for Hardwood Plywood Wall Panels.....	2307.1, 3605.3.2.1, 3606.10.1

780 CMR: STATE BOARD OF BUILDING REGULATIONS AND STANDARDS

THE MASSACHUSETTS STATE BUILDING CODE

MASSACHUSETTS, COMMONWEALTH OF

CODE OF MASSACHUSETTS REGULATIONS (CMR)

Specific numbers have been established by the Massachusetts Office of the Secretary of State to identify for reference purposes all rules and regulations promulgated by agencies of the Commonwealth of Massachusetts. These numbers are designated as "Code of Massachusetts Regulations" (CMR's). Although they may not be cited in the text of 780 CMR, the CMR's listed below are pertinent to building construction and design or maintenance.

Board of State Examiners of Plumbers and Gas Fitters		
100 Cambridge Street		
Boston, MA 02202		
CMR number	Title	780 CMR Section number
248 CMR 2.00	Massachusetts State Plumbing Code	201.3, 408.4, 418.3.4, 421.7, 602.4.3, 1212.7, 1813.5.3
248 CMR 4.00 - 7.00	Massachusetts Fuel Gas Code	
Department of Mental Health		
25 Staniford Street		
Boston, MA 02114		
104 CMR 17.13		429.1, 429.1.6
Department of Mental Retardation		
160 North Washington Street		
Boston, MA 02114		
115 CMR 7.00 - 8.00		423.1.1, 427.1.1.1
Outdoor AdvertisingBoard		
100 Cambridge Street, Floor 20		
Boston, MA 02002		
711 CMR 3.00	Control and Restriction of Billboards, Signs and Other Advertising Devices	
Department og Enviroinmental Protection		
One Winter Street		
Boston, MA 02208		
310 CMR		401.2
Department of Public Health		
150 Tremont		
Boston, MA 02111		
105 CMR 130.000	Hospital Licensure	
105 CMR 140.000	Licensure of Clinics	
	Designer's Guide (Bureau of Planning and Construction) Dispensaries and Clinics, December 21, 1966-	
105 CMR 151.000	General Standards of Construction for Long Term Care Facilities in Massachusetts	
105 CMR	Intensive Care Unit Amendment, October 1, 1972	
105 CMR 400.000	State Sanitary Code Chapter I: General Administrative Procedures	
105 CMR 410.000	Minimum Standards of Fitness for Human Habitation (State Sanitary Code: Chapter II):	
105 CMR 420.000	Housing and Sanitation Standards for Farm Labor Camps (State Sanitary Code: Chapter III)	
105 CMR 430.000	Minimum Sanitation and Safety Standards for Recreational Camps for Children (State Sanitary Code: Chapter IV)	
105 CMR 435.000	Minimum Standards for Swimming Pools (State Sanitary Code: Chapter V).....	421.7
105 CMR 440.000	Minimum Standards for Developed Family Type Campgrounds (State Sanitary Code: Chapter VI)	
105 CMR 590:000	State Sanitary Code Chapter X - Minimum Sanitation Standards for Food Establishments	
Division of Industrial Safety		
100 Cambridge Street, 11th Floor		
Boston, MA 02202		
454 CMR 2.00	Toilets in Industrial Establishments	
	Industrial Bulletin No. 4	
454 CMR 10.00	Construction Industry Rules and Regulations	
	Industrial Bulletin No. 12	
454 CMR 11.00	Structural Painting Safety Code	
664	780 CMR -Sixth Edition	9/9/05 (Effective 8/26/05)

Industrial Bulletin No. 13

454 CMR 12.00

Requirements for the Care of Employees Injured or Taken Ill in Industrial Establishments
Industrial Bulletin No. 14

454 CMR 16.00

Lighting Code for Factories, Workshops, Manufacturing, Mechanical and Mercantile Establishments
Industrial Bulletin No. 18

454 CMR 19.00

Window Cleaning
Industrial Bulletin No. 21

780 CMR: STATE BOARD OF BUILDING REGULATIONS AND STANDARDS

THE MASSACHUSETTS STATE BUILDING CODE

Architectural Access Board
Department of Public Safety
One Ashburton Place, 13 th Floor
Boston, MA 02108

Standard reference number	Title	Referenced in 780 CMR Section number
521 CMR 1.00 - 47.00	Architectural Access Board Regulations.....	401.2, 421.5.5, 424.4.10
	Board of Boiler Rules Department of Public Safety One Ashburton Place, Roon 1301 Boston, MA 02108	
522 CMR 2.00	Construction of Power Boilers	
522 CMR 3.00	Power Boilers, Power Reactor Vessels and Piping and Unfired Pressure Vessels as Used in Atomic Energy Installations	401.2
522 CMR 4.00	Steam and Hot Water Boilers and Heat Storage Sources	401.2
522 CMR 5.00	Heating Boilers	401.2
522 CMR 6.00	Low Pressure Heating Boilers.....	401.2
522 CMR 7.00	Air Tanks	401.2
522 CMR 8.00	Air Tanks	401.2
522 CMR 9.00	Refrigeration and Air Conditioning Systems	401.2
522 CMR 10.00	Material Specifications.....	401.2
522 CMR 11.00	Welding Specifications	401.2
522 CMR 12.00	Fiberglass-reinforced Plastic Pressure Vessels	401.2
	Board of Elevator Regulations One Ashburton Place, Roon 1301 Boston, MA 02108	
524 CMR	The Massachusetts State Elevator Code.....	403.8
	Board of Fire Prevention and Regulation 1010 Commonwealth Avenue Boston, MA 02215	
527 CMR :		
527 CMR 3.00	Dry Cleaning and Dry Dyeing and the Keeping, Storage and Use of Cleaning and Dyeing Fluids.....	401.2
527 CMR 4.00	Oil Burning Equipment	401.2
527 CMR 5.00	Operation and Maintenance of Buildings or Other Structures Used as Garages, Service Stations and the Related Storage, Keeping and Use of Gasoline or Other Motor Fuel.....	401.2, 408.6
527 CMR 6.00	Liquefied Petroleum Gas Containers and Systems.....	401.2, 418.3.3
527 CMR 7.00	Manufacture and Handling of Plastics	401.2
527 CMR 9.00	Tanks and Containers.....	401.2, 3103.1
527 CMR 10.00	Prevention of Fire in Buildings and in or on Ships	401.2, 426.15
527 CMR 12.00	1993 National Electrical Code (Amendments).....	401.2, 403.9.1, 405.8, 405.9, 410.4.5, 414.5, 416.11, 416.14.6, 416.15.2, 417.5.4, 421.7, 426.14. 3102.6.3, 3102.13.1, 3107.7
527 CMR 14.00	Flammable and Combustible Liquids, Flammible Solids or Flammable Gases	401.2, 417.1, 417.2.1, 417.3, 417.5,

		417.6.1, 417.6.3, 418.3.2, 418.1, 418.2, 418.2.1, 418.3, 418.3.1, 418.4, 418.5, 705.2.1
527 CMR 21.00	Decorations, Curtains, Draperies, Blinds and Other Window Treatments.....	401.2
527 CMR 49.03		426.5, 426.6, 429.1, 429.1.6

THE MASSACHUSETTS STATE BUILDING CODE

NCMA **National Concrete Masonry Association**
2302 Horse Pen Road, P.O. Box 781
Herndon, VA 22070

Standard reference number	Title	Referenced in 780 CMR Section number
NCMA TR68-A-75	Design and Construction of Plain and Reinforced Concrete Masonry Basement and Foundation Walls.....	3604.4.1

NFPA **National Fire Protection Association**
Batterymarch Park
Quincy, Massachusetts 02269

Standard reference number	Title	Referenced in 780 CMR Section number
10-94	Portable Fire Extinguishers.....	920.2
11-02	Low, Medium and High Expansion Foam.....	911.1, 911.5
11A-94	Medium and High Expansion Foam Systems	911.1, 911.5
12-93	Carbon Dioxide Extinguishing Systems	909.1, 909.5
12A-92	Halon 1301 Fire Extinguishing Systems	912.1, 912.5
12B-90	Halon 1211 Fire Extinguishing Systems	912.1, 912.5
13-02	Installation of Sprinkler Systems.....	412.7, 416.4, 426.3, 426.6,
231D now part of NFPA 13-02		706.2, 906.2.1, 906.9.1, 907.2.1, 917.7.3
13D-02	Installation of Sprinkler Systems in One- and Two- Family Dwellings and Mobile Homes	423.6, 427.3.5, 906.2.3
13 R-02	Installation of Sprinkler Systems in Residential Occupancies Up to Four Stories in Height	426.7, 906.2.2, 923.1
14-03	Standpipe and Hose Systems.....	914.1, 914.3, 914.4, 914.5, 914.6
15-01	Water Spray Fixed Systems for Fire Protection.....	908.1, 908.4
16-03	Deluge Foam- Water Sprinkler and Spray Systems.....	911.1, 911.5
17-94	Dry Chemical Extinguishing System	910.1, 910.5
17A-94	Wet Chemical Extinguishing Systems	913.1, 913.5
20-03	Standard for the Installation of Sanitary Pumps for Fire Protection	924.1, 924.2, 924.3
22-02	Standard for Water Tanks for Private Fire Protection	
24-02	Installation of Private Fire Service Mains.....	417.6.3, 906.9.1, 914.6.1
25-02	Inspection, Testing, and Maintenance of Water-based Fire Protection Systems.....	901.4
30-00	Flammable and Combustible Liquids Code.....	307.8, 416.14, 418.3.2, 419.2.3, 426.3, 426.5, 426.11
30A-00	Automotive and Marine Service Station Code.....	408.6, 417.6.6
30B-94	Manufacture and Storage of Aerosol Products	426.3, 426.12
31-92	Oil Burning Equipment	3612.1
32-96	Dry Cleaning Plants	418.3.4
33-95	Spray Application Using Flammable and Combustible Materials.....	307.8, 419.1
34-95	Dipping and Coating Processes Using Flammable or Combustible Liquids	307.8, 419.1
40-94	Cellulose Nitrate Motion Picture Film	411.1
50-96	Bulk Oxygen Systems at Consumer Sites	2810.1
51-92	Oxygen-Fuel Gas Systems for Welding, Cutting and Allied Processes	2810.1
54-92	National Fuel Gas Code	3612.1.1
61-95	Prevention of Fire and Dust Explosions in Agricultural Food Products Facilities	418.3.1
65-93	Processing and Finishing of Aluminum.....	418.3.1
69-92	Explosion Prevention Systems.....	417.5.1.2
70-96	National Electrical Code (527 CMR 12.00: Massachusetts Amendments)	416.11, 416.14.6, 416.15.2, 602.4.4, 1405.4.3, 3102.6.3, 3102.13.1, 3107.7 <i>See also 527 CMR 12.00</i>
72-02	National Fire Alarm Code	403.6, 417.5.3, 426.14, 427.3.7, 427.3.8, 428.12.1, 428.16, 906.5, 917.1, 917.7.1.1, 917.6, 917.7, 917.7.3, 917.8.1, 917.9, 917.10, 918.1, 918.2.1, 918.8, 919.1, 919.6, 921.4, 923.1, 923.2, 923.2.1, 923.2.2, 923.2.3
80-95	Fire Doors and Windows	716.2, 716.5,

Standard reference number	Title	Referenced in 780 CMR Section number
		1017.4.4
80A-96	Protection of Buildings from Exterior Fire Exposures	
82-94	Incinerators, Waste and Linen Handling Systems and Equipment	2807.1
90A-96	Installation of Air Conditioning and Ventilation Systems	
90B-96	Installation of Warm Air Heating and Air Conditioning Systems	
92A-96	Smoke Control Systems	
92B-95	Smoke Management System in Malls, Atria and Alrge Areas	
96-01	Ventilation Control and Fire Protection of Commercial Cooking Operatio	
99-96	Health Care Facilities	2809.1, 2809.2
101-94	Life Safety Code	
102-95	Assembly Seating, Tents and Membrane Structures	3104.4
120-94	Coal Preparation Plants.....	418.3.1
130-95	Standard for Fixed Guideway Systems	
211	Chimney, Fireplace and Vents	3610.4
231-95	General Storage.....	426.3, 426.6
231C-95	Rack Storage of Materials	507.1, 426.3, Table 922.2
231D-94	Now also part of NFPA 13-02 Installation of Sprinkler Systems	
241-96	Safeguarding Construction, Alteration and Demolition Operations	903.1.5, 915.1, 914.7.2
259-87	Standard Test Method for Potential Heat of Building Materials	3603.17.2.5
409-01	Aircraft Hangers	426.3, 426.5, 426.6
416-93	Construction and Protection of Airport Terminal Buildings	
418-01	Roof-top Heliport Construction and Protection	1511.3
430-95	Storage of Liquid and Solid Oxidizers.....	426.3, 426.5, 426.6
495-96	Explosive Material Code.....	417.5.1 See also 527 CMR
502-96	Access Highways, Tunnels, Bridges, Air Right Structures.....	
651-93	Manufacture of Aluminum or Magnesium Powder	418.3.1
654-94	Prevention of Fire, and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries.....	418.3.1
655-93	Prevention of Sulfur Fires and Explosions.....	418.3.1
664-93	Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities	418.3.1
701-96	Standard Methods of Fire Tests for Flame Resistant Textiles and Films....	807.2, 807.2.2, 3102.6.4.2, 3103.3.2, 3104.5, 3105.3
704-96	Identification of the Fire Hazards of Materials	416.2, 416.15.1
750-03	Installation of Water Mist Fire Protection Systems	
8503-96	Pulverized Fuel Systems	418.3.1

NFoPA
(AFPA)

American Forest and Paper Association*
1250 Connecticut Avenue, N.W./ Suite 200
Washington, D.C. 20036

Standard reference number	Title	Referenced in 780 CMR Section number
NDS-97	National Design Specification for Wood Construction -with 1997 Supplement; Design Values for Wood Construction.....	1801.1, 2303.1, 2304.1, 2305.14.1, 2305.15, 2306.4, 2306.4.5.1, 2306.4.5.2, 2306.4.6, 2306.4.6.1.1, 2306.4.6.2.1, 2306.4.7.1.1, 2306.4.7.2.1, 2312.1, 2312.4, 2313.3.1, 2313.3.2
TR7-87	Basic Requirements for Permanent Wood Foundation System	1808.3, 1813.3, 2311.3.3

**The National Forest Products Association (NFoPA) has changed their name to the American Forest and Paper Association (AFPA). The referenced standard in this code may be identified with the designation AFPA.*

RCSC

Research Council On Structural Connections
c/o American Institute of Steel Construction, Inc.
Suite 3100
One East Wacker Drive
Chicago, IL 60601-2001

Standard reference number	Title	Referenced in 780 CMR Section number
RCSC-85	Specifications for Structural Joints Using A325 or A490 Bolts.....	1705.5.3.2.1
RCSC-88	Specification for Load and Resistance Design	

RMA

Rubber Manufacturers Association
1200 K Street, N.W.
Washington, D.C. 20005

Standard reference number	Title	Referenced in 780 CMR Section number
RP-1- 90	Minimum Requirements for Non- Reinforced Black EPDM Rubber Sheets	1507.3.2
RP-2-90	Minimum Requirements for Fabric- Reinforced Black EPDM Rubber Sheets	1507.3.2
RP-3-85	Minimum Requirements for Fabric- Reinforced Black Polychlorprene Rubber Sheets	1507.3.2

SJI

Steel Joist Institute
1205 48th Avenue North
Suite A
Myrtle Beach, South Carolina 29577

Standard reference number	Title	Referenced in 780 CMR Section number
SJI-94	Standard Specifications, Load Tables and Weight Tables for Steel Joists and Joist Girders.....	2205.1

SMACNA

Sheet Metal and Air Conditioning Contractors
National Association, Inc.
4201 Lafayette Center Drive
Chantilly, VA 22021

Standard reference number	Title	Referenced in 780 CMR Section number
SMACNA-88	Installation Standards for Residential Heating and Air Conditioning Systems.....	3619.1.3.1

TFS

Texas Forest Service
Forest Products Laboratory
P.O. Box 310
Lufkin, Texas 75902-0310

Standard reference number	Title	Referenced in 780 CMR Section number
TFS-90	Grading Rules for Preservative Treated Southern Yellow Pine Tapersawn Shakes.....	1507.2.9

TMS

The Masonry Council

Suite B

2619 Spruce Street

Boulder, CO 80302-3808

Standard reference number	Title	Referenced in 780 CMR Section number
TMS 402/ACI 530/ASCE 5-95	Building Code Requirements for Masonry Structures	707.3, Table 1705.7, 1812.3.2, Table 1812.3.2, 2101.1.1, 2104.1, 2104.2, 2104.3, 2104.4.1, 2104.4.2, 2106.3.1
TMS 602/ACI 530.1/ASCE 6-95	Specifications for Masonry Structures	Table 1705.7, 2104.2, 2112.1.1

TPI

Truss Plate Institute Inc.

Suite 200

583 D'Onofrio Drive

Madison, Wisconsin 53719

Standard reference number	Title	Referenced in 780 CMR Section number
PCT-80	Design Specification for Metal Plate Connected Parallel Chord Wood Trusses	2305.14.1, 2313.3.2, 3605.2.10, 3608.2.11
TPI 1-95	National Design Standard for Metal Plate Connected Wood Truss Construction	2305.15 , 2313.3.1, 3605.2.10, 3608.2.11
TPI BWT-76	Bracing Wood Trusses: Commentary and Recommendations	3605.2.10, 3608.2.11
TPI QST-89	Quality Standard for Metal Plate Connected Wood Trusses	3605.2.10, 3608.2.11

UL

Underwriters Laboratories, Inc.

333 Pfingsten Road

Northbrook, Illinois 60062

Standard reference number	Title	Referenced in 780 CMR Section number
10A-93	Standard for Safety Tin- Clad Fire -with Revisions through May 1985	716.2
14B-93	Standard for Safety Sliding Hardware for Standard, Horizontally Mounted Tin-Clad Fire Doors -with Revisions through October 1984	716.2
14C-93	Standard for Safety Swinging Hardware for Standard Tin-Clad Fire Doors Mounted Singly and in Pairs -with Revisions through October 1984.....	716.2
55A-83	Material for Built-up Roof Coverings (Revised 1989).....	3609.7.2
103-94	Standard for Safety Chimneys, Factory Built, Residential Type and Building Heating Appliance -with Revisions through February 1989.....	720.6.4, 3612.2
127-88	Standard for Safety Factory-Built Fireplaces -with Revisions through June, 1992.	720.6.4
181-90	Factory-Made Air Ducts and Air Connectors (Revised November, 1990).....	3619.1.2
181A-90	Closure System for Use with Rigid Air Ducts and Connectors.....	3619.1.2
217-93	Standard for Safety Single and Multiple Station Smoke Detectors -with Revisions through February 1989	409.5.1
268-89	Standard for Safety Smoke Detectors for Fire Protective Signaling Systems -with Revisions through May 1989.....	409.5.1
441-86	Gas Vents	3612.2
555-95	Fire Dampers	717.1
559-85	Heat Pumps (Revised December, 1987).....	3614.2.1
580-94	Standard for Safety Tests for Uplift Resistance of Roof Assemblies -with Revisions through December 1989	1505.2.2
641-86	Low-Temperature Venting Systems, Type L	3612.2
790-83	Tests for Fire Resistance of Roof Covering Material (Revised, 1989).....	3609.1.3
910-95	Standard for Safety Test for Flame Propagation and Smoke-Density Values for Electrical and Optical-Fiber Cables used in Spaces Transporting Environmental Air	2805.2.5
997-81	Standard for Safety Wind Resistance of Prepared Roof Covering Materials -with Revisions through July, 1981	1505.2.3
1040-71	Outline of Investigation for Insulated Wall Construction	3603.17.3

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Standard reference number	Title	Referenced in 780 CMR Section number
1096-86	Electric Central Air Heating Equipment (Revised January, 1988).....	3614.1.12
1256-85	Standard for Safety Fire Test of Roof Deck Constructions.....	2603.4.1.5
1715-94	Fire Test of Interior Finish Material -with Revisions through March 1991	2603.8, 3603.17.3
1777-88	Chimney Liners (Revised November, 1989).....	3610.2.14
1040-89	Outline of Proposed Investigation for Insulated Wall Construction.....	2603.8
1820-94	Standard for Safety Fire Test Pneumatic Tubing for Flame and Smoke Characteristics - with Revisions through April 1991	2805.2.6
1887-95	Fire Tests of Plastic Sprinkler Pipe for Flame and Smoke Characteristics	2805.2.1

USC

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

Standard reference number	Title	Referenced in 780 CMR Section number
Title 18; Chapter 40-70	Importation, Manufacture, Distribution and Storage of Explosive Materials.....	307.2

WWPA

Western Lumber

Standard reference number	Title	Referenced in 780 CMR Section number
WWPA-92	Western Lumber Span Tables for Floor and Ceiling Joists and Roof Rafters	3608.2.2