

RESIDENTIAL CODE REFERENCE STANDARDS

<u>Standards Organization</u>	<u>Number</u>	<u>Name</u>	<u>Version</u>
<u>American Architectural Manufacturers Association</u>			
AAMA	450	Performance Rating Method for Muller Combination Assemblies, Composite Units, and Other Muller Fenestration Systems	20
AAMA	506	Voluntary Specifications for Impact and Cycle Testing of Fenestration Products	16
AAMA	711	Specification for Self-Adhering Flashing Used for Installation of Exterior Wall Fenestration Products	20
AAMA	712	Voluntary Specification for Mechanically Attached Flexible Flashing	14
AAMA	714	Voluntary Specification for Liquid-Applied Flashing Used to Create a Water-Resistive Seal around Exterior Wall Openings in Buildings	19
AAMA	AAMA-2100 NPEA-2100 NSA-2101	Specifications for Sunrooms	19
AAMA	AAMA-101 WDMA-101 CSA-101 I.S.2 A441	North American Fenestration Standard/Specification for Windows, Doors, and Skylights	17
<u>Applied Building Technology Group</u>			
<u>ABTG</u>	<u>ANSI FS 100 ABTG FS 100</u>	<u>Standard Requirements for Wind Pressure Resistance of Foam Plastic Insulation Sheathing Used in Exterior Wall Covering Assemblies</u>	<u>2012 (R2018)</u>
<u>Air Conditioning Contractors of America</u>			
ACCA	ANSI/ACCA 1 Manual D	Residential Duct Systems	<u>2023</u>
ACCA	ANSI/ACCA 2 Manual J	Residential Load Calculation	<u>2016</u>
ACCA	ANSI/ACCA 3 Manual S	Residential Equipment Selection	<u>2023</u>
<u>ACCA</u>	<u>ANSI/ACCA 5 QI</u>	<u>HVAC Quality Installation Specification</u>	<u>2010</u>
<u>American Concrete Institute</u>			
ACI	318	Building Code Requirements for Structural Concrete	<u>19</u>
ACI	332	Residential Code Requirements for Structural Concrete	<u>20</u>

Air-Conditioning, Heating, and Refrigeration Institute			
AHRI	AHRI 1380	Demand Response through Variable Capacity HVAC Systems in Residential and Small Commercial Applications	2019
AHRI	AHRI 1430	Demand Flexible Electric Storage Water Heaters	2022 (I-P)
American Iron and Steel Institute			
AISI	AISI S100 w/S2	North American Specification for the Design of Cold-Formed Steel Structural Members, 2016 Edition (Reaffirmed 2020), with Supplement 2, 2020 Edition	16 (2020) w/ 20
AISI	AISI S220	North American Standard for Cold-Formed Steel Nonstructural Framing, 2020 Edition	20
AISI	AISI S230	North American Standard for Cold-Formed Steel Framing—Prescriptive Method for One and Two Family Dwellings, 2019 Edition	19
AISI	AISI S240	North American Standard for Cold-Formed Steel Structural Framing, 2020 Edition	20
AISI	AISI S250	North American Standard for Thermal Transmittance of Building Envelopes with Cold-Formed Steel Framing, with Supplement 1, dated 2022	22
Automotive Lift Institute			
ALI	ALI ALCTV	Standard for Automotive Lifts—Safety Requirements for Construction, Testing and Validation (ANSI)	2017
Air Movement and Control Association International			
AMCA	ANSI 210-51 AMCA 210-51	Laboratory Methods of Testing Fans for Aerodynamic Performance Rating	23
Association of Standardization and Certification			
ASC	NMX-J-521 2-40-ANCE CAN-22.2 No. 60335-2-40 CSA-22.2 No. 60335-2-40 UL-60335-2-41	Laboratory Methods of Testing Fans for Aerodynamic Performance Rating	14

American National Standards Institute			
ANSI	A108.1A	Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar	17
ANSI	A108.1B	Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex Portland Cement Mortar	2017
ANSI	A108.4	Installation of Ceramic Tile with Organic Adhesives or Water-cleanable Tile-setting Epoxy Adhesive	19
ANSI	A108.5	Setting of Ceramic Tile with Dry-Set Cement Mortar, Modified Dry-Set Cement Mortar, EGP (Exterior Glue Plywood) Modified Dry-Set Cement Mortar, or Improved Modified Dry-Set Cement Mortar	21
ANSI	A108.6	Installation of Ceramic Tile with Chemical Resistant, Water Cleanable Tile-Setting and -Grouting Epoxy	99 (R2019)
ANSI	A108.11	Interior Installation of Cementitious Backer Units	18
ANSI	A118.1	American National Standard Specifications for Dry-Set Portland Cement Mortar	19
ANSI	A118.3	American National Standard Specifications for Chemical-Resistant, Water-Cleanable Tile-Setting and -Grouting Epoxy and Water Cleanable Tile-Setting Epoxy Adhesive	21
ANSI	A118.4	American National Standard Specifications for Modified Dry-Set Cement Mortar	19
ANSI	A118.10	Standard Specification for Load-Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone Installation	14 (R2019)
ANSI	A136.1	American National Standard Specifications for Organic Adhesives for Installation of Ceramic Tile	20
ANSI	A137.1	American National Standard Specifications for Ceramic Tile	22
ANSI	ANSI 40.11 CGA 2.91	Gas-Fired, Heat-Activated Air-Conditioning and Heat Pump Appliances	1996 (R2017)/M96 (R2017)
ANSI	ANSI 117	Standard Specification for Structural Glued Laminated Timber of Softwood Species	2020
ANSI	ANSI Z21.5.1 CSA 7.1	Gas Clothes Dryers—Volume I—Type 1 Clothes Dryers	2017/17
ANSI	ANSI Z21.8	Installation of Domestic Gas Conversion Burners	1994 (R2017)

Reference Standards

Residential Code of
New York State

ANSI	ANSI Z21.13 CSA 4.9	Gas-Fired Low-Pressure Steam and Hot Water Boilers	2017/17
ANSI	ANSI Z21.20	Automatic Gas Ignition Systems and Components	2005 (R2016)
ANSI	ANSI Z21.22 CSA 4.4	Relief Valves for Hot Water Supply Systems	2015 (R2020)/15 (R2020)
ANSI	ANSI Z21.24 CSA 6.10	Connectors for Gas Appliances	2015 (R2020)/15 (R2020)
ANSI	ANSI Z21.40.1 CGA 2.91	Gas-Fired Heat Activated Air Conditioning and Heat Pump Appliances	1996 (R2017)/M96 (R2017)
ANSI	ANSI Z21.41 CSA 6.9	Quick Disconnect Devices for Use with Gas Fuel Appliances	(R2019)
ANSI	ANSI Z21.50 CSA 2.22	Vented Decorative Gas Fireplaces	2019/19
ANSI	ANSI Z21.60 CSA 2.26	Decorative Gas Appliances for Installation in Solid-Fuel-Burning Fireplaces	2017/17
ANSI	ANSI Z21.69 CSA 6.16	Connectors for Moveable Gas Appliances	2015 (R2020)/15 (R2020)
ANSI	ANSI Z21.75 CSA 6.27	Connectors for Outdoor Gas Appliances and Manufactured Homes	2016/ 16 (R2020)
ANSI	ANSI Z21.84	Standard for Manually Lighted, Natural Gas, Decorative Gas Appliances for Installation in Solid-Fuel-Burning Appliances	2017
ANSI	ANSI Z21.86 CSA 2.32	Vented Gas-Fired Space Heating Appliances	2016/16
ANSI	ANSI Z21.93 CSA 6.30	Excess Flow Valves for Natural Gas and Propane Gas with Pressures Up to 5 psig	2017/17
ANSI	ANSI Z21.97 CSA 2.41	Outdoor Decorative Gas Appliances	2017/17
ANSI	ANSI Z83.8 CSA 2.6	Gas Unit Heater, Gas Packaged Heaters, Gas Utility Heaters and Gas-Fired Duct Furnaces	2016/16
ANSI	ANSI Z83.19 CSA 2.35	Gas-Fired High-Intensity Infrared Heaters	2017/17
ANSI	ANSI Z83.20 CSA 2.34	Gas-Fired Tubular and Low-Intensity Infrared Heaters	2016/16

Reference Standards

Residential Code of
New York State

ANSI	ANSI 140 ASHRAE 140	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	2017 (R2020)
ANSI	ANSI 2045-B CTA 2045-B	Modular Communications Interface for Energy Management	Feb-21
ANSI	CSA FC 1 ANSI FC 1 CSA C22.2 NO. 62282-3-100	Fuel Cell Technologies—Part 3-100: Stationary Fuel Cell Power Systems—Safety	21
ANSI	CSA LC 1 ANSI LC 1 CSA 6.26	Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST)	19
ANSI	CSA LC 4 ANSI LC 4 CSA 6.32	Press-Connect Metallic Fittings and Valves for Use in Fuel Gas Distribution Systems	23
ANSI	CSA Z21.10.1 ANSI Z21.10.1 CSA 4.1	Gas Water Heaters, Volume I, Storage Water Heaters with Input Ratings of 75,000 Btu per hour or Less	19
ANSI	CSA Z21.10.3 ANSI Z21.10.3 CSA 4.3	Gas Water Heaters—Volume III—Storage Water Heaters with Input Ratings above 75,000 Btu per Hour, Circulating and Instantaneous	19
ANSI	CSA Z21.11.2 ANSI Z21.11.2	Gas-Fired Room Heaters, Volume II, Unvented Room Heaters	19
ANSI	CSA Z21.15 ANSI Z21.15 CSA 9.1	Manually Operated Gas Valves for Appliances, Appliance Connector Valves and Hose End Valves	22
ANSI	CSA Z21.42 ANSI Z21.42	Gas-Fired Illuminating Appliances	13 (R2018)
ANSI	CSA Z21.54 ANSI Z21.54 CSA 8.4	Gas Hose Connectors for Portable Outdoor Gas-Fired Appliances	19
ANSI	CSA Z21.56 ANSI Z21.56 CSA 4.7	Gas-Fired Pool Heaters	19

Reference Standards

Residential Code of
New York State

ANSI	CSA Z21.58 ANSI Z21.58 CSA 1.6	Outdoor Cooking Gas Appliances	22
ANSI	CSA Z21.80 ANSI Z21.80 CSA 6.22	Line Pressure Regulators	19
ANSI	CSA Z21.88 ANSI Z21.88 CSA 2.33	Vented Gas Fireplace Heaters	19
ANSI	CSA Z21.90 ANSI Z21.90 CSA 6.24	Gas Convenience Outlets and Optional Enclosures	19
ANSI	CSA Z21.91 ANSI Z21.91	Ventless Firebox Enclosures for Gas-Fired Unvented Decorative Room Heaters	20
ANSI	CSA Z21.40.2 ANSI Z21.40.2 CGA 2.92	Gas-Fired Work Activated Air-Conditioning and Heat Pump Appliances (Internal Combustion)	96 (R2017)
ANSI	CSA Z21.47 ANSI Z21.47 CSA 2.3	Gas-Fired Central Furnaces	21
ANSI	Z21.1 CSA 1.1	Household Cooking Gas Appliances	2018
ANSI	Z21.8	Installation of Domestic Gas Conversion Burners	94 (R2017)
ANSI	Z21.50 CSA 2.22	Vented Decorative Gas Appliances	19/2019
ANSI	Z83.6	Gas-Fired Infrared Heaters	90 (R1998)
ANSI	Z83.20	Gas-Fired Tubular Low-Intensity Infrared Heaters	2016
ANSI	Z97.1	Safety Glazing Materials Used in Buildings—Safety Performance Specifications and Methods of Test	2015 (R2020)
APA			
APA	ANSI A190.1 APA A190.1	Product Standard for Structural Glued-laminated Timber	2022
APA	ANSI PRG 320 APA PRG 320	Standard for Performance-rated Cross Laminated Timber	2019

Reference Standards
**Residential Code of
New York State**

APA	ANSI PRP 210 APA PRP 210	Standard for Performance-rated Engineered Wood Siding	2019
APA	ANSI PRR 410 APA PRR 410	Standard for Performance-rated Engineered Wood Rim Boards	2021
APA	ANSI PRS 610.1 APA PRS 610.1	Standard for Performance-Rated Structural Insulated Panels in Wall Applications	2023
APA	APA E30	Engineered Wood Construction Guide	19
Pool & Hot Tub Alliance (formerly the Association of Pool & Spa Professionals [APSP])			
PHTA	ANSI 14 APSP 14 ICC 14	American National Standard for Portable Electric Spa Energy Efficiency	2019
PHTA	ANSI 15 PHTA 15 ICC 15	American National Standard for Residential Swimming Pool and Spas—Includes Addenda A Approved January 9, 2013	2011
American Society of Civil Engineers Structural Engineering Institute			
ASCE	7	Minimum Design Loads and Associated Criteria for Buildings and Other Structures	2022
ASCE	24	Flood Resistant Design and Construction	14
ASCE	32	Design and Construction of Frost-protected Shallow Foundations	1
ASHRAE			
ASHRAE	ANSI 90.1 ASHRAE 90.1 IES 90.1	Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings	2022
ASHRAE	ASHRAE 34	Designation Classification of Refrigerants	2022
ASHRAE	ASHRAE 193	Method of Test for Determining the Airtightness of HVAC Equipment	2010 (RA 2014)
ASHRAE	ASHRAE	ASHRAE Handbook of Fundamentals	2001
ASHRAE	ASHRAE	ASHRAE Handbook of Fundamentals	2017
American Society of Mechanical Engineers			
ASME	ASME A17.1—2016/CSA-B44	Safety Code for Elevators and Escalators	2016/16
ASME	A18.1	Safety Standard for Platforms and Stairway Chair Lifts	2023
ASME	A112.1.2	Air Gaps in Plumbing Systems (For Plumbing Fixtures and Water Connected Receptors)	2012 (R2017)
ASME	A112.1.3	Air Gap Fittings for Fixtures, Appliances and Appurtenances	2000 (R2024)

Reference Standards

Residential Code of
New York State

ASME	A112.3.1	Stainless Steel Drainage Systems for Sanitary, DWV, Storm and Vacuum Applications Above and Below Ground	2007 (R2017)
ASME	A112.3.4 CSA B45.9	Macerating Toilet Systems and Related Components	2022
ASME	A112.4.1	Water Heater Relief Valve Drain Tubes	2024
ASME	A112.4.3	Plastic Fittings for Connecting Water Closets to the Sanitary Drainage System	2024
ASME	A112.4.4	Plastic Push-Fit Drain, Waste, and Vent (DWV) Fittings	2022
ASME	A112.4.14 CSA B125.14	Manually Operated Valves for Use in Plumbing Systems	2022
ASME	A112.6.2	Framing-affixed Supports (Carriers) for Off-the-Floor Water Closets with Concealed Tanks	2017 (R2022)
ASME	A112.6.3	Floor and Trench Drains	2022
ASME	A112.14.1	Backwater Valves	2003 (R2022)
ASME	A112.18.1 CSA B125.1	Plumbing Supply Fittings	2023
ASME	A112.18.2 CSA B125.2	Plumbing Waste Fittings	2023
ASME	A112.18.3	Performance Requirements for Backflow Protection Devices and Systems in Plumbing Fixture Fittings	2002 (R2022)
ASME	A112.18.6 CSA B125.6	Flexible Water Connectors	2021
ASME	A112.19.1 CSA B45.2	Enameled Cast-iron and Enameled Steel Plumbing Fixtures	2022
ASME	A112.19.2 CSA B45.1	Ceramic Plumbing Fixtures	2021
ASME	A112.19.3 CSA B45.4	Stainless Steel Plumbing Fixtures	2021
ASME	A112.19.5 CSA B45.15	Flush Valves and Spuds for Water-closets, Urinals and Tanks	2022
ASME	A112.19.7 CSA B45.10	Hydromassage Bathtub Systems	2023
ASME	A112.19.12	Wall-mounted and Pedestal-mounted, Adjustable, Elevating, Tilting, and Pivoting Lavatory and Sink, and Shampoo Bowl Carrier Systems and Drain Waste Systems	2024
ASME	A112.19.14	Six-Liter Water Closets Equipped with Dual Flushing Device	2013 (R2023)

Reference Standards
**Residential Code of
New York State**

ASME	A112.19.15	Bathtub/Whirlpool Bathtubs with Pressure-sealed Doors	2012 (R2022)
ASME	A112.36.2M	Cleanouts	1991 (R2022)
ASME	ASME A17.1 CSA B44	Safety Code for Elevators and Escalators	2022
ASME	ASME A112.4.2 CSA B45.16	Personal Hygiene Devices for Water Closets	2021
ASME	ASSE 1002 ASME A112.1002 CSA B125.12	Anti-Siphon Fill Valves for Water Closet Tanks	2020
ASME	ASSE 1016 ASME A112.1016 CSA B125.16	Performance Requirements for Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations	2021
ASME	ASSE 1070 ASME A112.1070 CSA B125.1070	Performance Requirements for Water Temperature Limiting Devices	2020
ASME	B1.20.1	Pipe Threads, General Purpose (Inch)	2023
ASME	B16.3	Malleable Iron Threaded Fittings, Classes 150 & 300	2016
ASME	B16.4	Gray Iron Threaded Fittings Classes 125 and 250	2016
ASME	B16.9	Factory-made Wrought Steel Buttwelding Fittings	2023
ASME	B16.11	Forged Fittings, Socket-welding and Threaded	2021
ASME	B16.12	Cast Iron Threaded Drainage Fittings	2024
ASME	B16.15	Cast Alloy Threaded Fittings: Classes 125 and 250	2023
ASME	B16.18	Cast Copper Alloy Solder Joint Pressure Fittings	2023
ASME	B16.22	Wrought Copper and Copper Alloy Solder-Joint Pressure Fittings	2023
ASME	B16.23	Cast Copper Alloy Solder Joint Drainage Fittings DWV	2016
ASME	B16.26	Cast Copper Alloy Fittings for Flared Copper Tubes	2023
ASME	B16.28	Wrought Steel Buttwelding Short Radius Elbows and Returns	1994
ASME	B16.29	Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings (DWV)	2022
ASME	B16.33	Manually Operated Metallic Gas Valves for Use in Gas Piping Systems up to 125 psig (Sizes 1/2 through 2)	2022
ASME	B16.34	Valves—Flanged, Threaded and Welding End	2023
ASME	B16.44	Manually Operated Metallic Gas Valves for Use in Aboveground Piping Systems up to 5 psi	2022
ASME	B16.51	Copper and Copper Alloy Press-Connect Pressure Fittings	2018

Reference Standards

Residential Code of
New York State

ASME	B36.10M	Welded and Seamless Wrought Steel Pipe	2023
ASME	BPVC	ASME Boiler and Pressure Vessel Code (Sections I, II, IV, V, VI and VIII)	2023
ASME	CSD-1	Controls and Safety Devices for Automatically Fired Boilers	2024
ASSE International			
ASSE	1001	Performance Requirements for Atmospheric-type Vacuum Breakers	2017
ASSE	1003	Performance Requirements for Water-pressure-reducing Valves for Domestic Water Distribution Systems	2020
ASSE	1008	Performance Requirements for Plumbing Aspects of Residential Food Waste Disposer Units	2020
ASSE	1010	Performance Requirements for Water Hammer Arresters	2004
ASSE	1011	Performance Requirements for Hose Connection Vacuum Breakers	2017
ASSE	1012	Performance Requirements for Backflow Preventers with an Intermediate Atmospheric Vent	2009
ASSE	1013	Performance Requirements for Reduced Pressure Principle Backflow Prevention Assemblies	2021
ASSE	1015	Performance Requirements for Double Check Backflow Prevention Assemblies	2021
ASSE	1017	Performance Requirements for Temperature Actuated Mixing Valves for Hot Water Distribution Systems	2009
ASSE	1018	Performance Requirements for Trap Seal Primer Valves—Potable Water Supplied	2021
ASSE	1019	Performance Requirements for Wall Hydrant with Backflow Protection and Freeze Resistance	2011
ASSE	1020	Performance Requirements for Pressure Vacuum Breaker Assembly	2020
ASSE	1023	Performance Requirements for Electrically Heated or Cooled Water Dispensers	2020
ASSE	1024	Performance Requirements for Dual Check Backflow Preventers	2021
ASSE	1035	Performance Requirements for Laboratory Faucet Backflow Preventers	2020
ASSE	1044	Performance Requirements for Trap Seal Primer—Drainage Types and Electric Design Types	2015 (R2020)
ASSE	1047	Performance Requirements for Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies	2021
ASSE	1048	Performance Requirements for Double Check Detector Fire Protection Backflow Prevention Assemblies	2021

Reference Standards
**Residential Code of
New York State**

ASSE	1050	Performance Requirements for Stack Air Admittance Valves for Sanitary Drainage Systems	2021
ASSE	1051	Performance Requirements for Individual and Branch Type Air Admittance Valves for Sanitary Drainage Systems	2021
ASSE	1052	Performance Requirements for Hose Connection Backflow Preventers	2016
ASSE	1056	Performance Requirements for Spill Resistant Vacuum Breaker Assemblies	2013 (R2021)
ASSE	1060	Performance Requirements for Outdoor Enclosures for Fluid-conveying Components	2017 (R2021)
ASSE	1061	Performance Requirements for Push-Fit Fittings	2020
ASSE	1062	Performance Requirements for Temperature-actuated, Flow Reduction (TAFR) Valves for Individual Supply Fittings	2021
ASSE	1066	Performance Requirements for Individual Pressure Balancing In-line Valves for Individual Fixture Fittings	1997
ASSE	1072	Performance Requirements for Trap Seal Protection for Floor Drains	2020
ASSE	1081	Performance Requirements for Backflow Preventers with Integral Pressure Reducing Boiler Feed Valve and Intermediate Atmospheric Vent Style for Domestic and Light Commercial Water Distribution Systems	2014 (R2020)
ASSE	ASSE 1002 ASME A112.1002 CSA B125.12	Anti-Siphon Fill Valves for Water Closet Tanks	2020
ASSE	ASSE 1016 ASME A112.1016 CSA B125.16	Performance Requirements for Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations	2017
ASSE	ASSE 1037 ASME A112.1037 CSA B125.37	Performance Requirements for Pressurized Flushing Devices for Plumbing Fixtures	2015
ASSE	ASSE 1070 ASME A112.1070 CSA B125.1070	Performance Requirements for Water Temperature Limiting Devices	2020/20
American Society for Testing and Materials			
ASTM	A36 A36M	Specification for Carbon Structural Steel	19
ASTM	A53 A53M	Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated Welded and Seamless	2020

Reference Standards
**Residential Code of
New York State**

ASTM	A74	Specification for Cast Iron Soil Pipe and Fittings	2021
ASTM	A106 A106M	Specification for Seamless Carbon Steel Pipe for High-Temperature Service	2019a
ASTM	A123 A123M	Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products	2017
ASTM	A126	Standard Specification for Gray Iron Castings for Valves, Flanges and Pipe Fittings	04 (2019)
ASTM	A153 A153M	Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware	2016A
ASTM	A167	Specification for Stainless and Heat-resisting Chromium-Nickel Steel Plate, Sheet and Strip	99 (2009)
ASTM	A240 A240M	Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet and Strip for Pressure Vessels and for General Applications	20a
ASTM	A254 A254M	Specification for Copper-Brazed Steel Tubing	12 (2019)
ASTM	A268 A268M	Standard Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General	20
ASTM	A269 A269M	Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service	15a (2019)
ASTM	A307	Standard Specification for Carbon Steel Bolts, Studs, and Threaded Rod 60,000 PSI Tensile Strength	21
ASTM	A312 A312M	Specification for Seamless, Welded and Heavily Cold Worked Austenitic Stainless Steel Pipes	21
ASTM	A463 A463M	Standard Specification for Steel Sheet, Aluminum-Coated by the Hot-dip Process	15 (2020) e1
ASTM	A539	Specification for Electric-Resistance-Welded Coiled Steel Tubing for Gas and Fuel Oil Lines	99
ASTM	A563 A563M	Standard Specification for Carbon and Alloy Steel Nuts	21a
ASTM	A615 A615M	Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement	20
ASTM	A641 A641M	Specification for Zinc-coated (Galvanized) Carbon Steel Wire	19
ASTM	A653 A653M	Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process	20

Reference Standards
**Residential Code of
New York State**

ASTM	A706 A706M	Standard Specification for Deformed and Plain Low Alloy Bars for Concrete Reinforcement	2016
ASTM	A755 A755M	Specification for Steel Sheet, Metallic Coated by the Hot-Dip Process and Prepainted by the Coil-Coating Process for Exterior Exposed Building Products	18
ASTM	A778 A778M	Standard Specification for Welded Unannealed Austenitic Stainless Steel Tubular Products	16 (2021)
ASTM	A792 A792M	Specification for Steel Sheet, 55% Aluminum-zinc Alloy-Coated by the Hot-Dip Process	21a
ASTM	A875 A875M	Specification for Steel Sheet, Zinc-5%, Aluminum Alloy-Coated by the Hot-Dip Process	21
ASTM	A888	Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Application	21a
ASTM	A924 A924M	Standard Specification for General Requirements for Steel Sheet, Metallic-Coated by the Hot-Dip Process	20
ASTM	A996M	Specifications for Rail-Steel and Axle-Steel Deformed Bars for Concrete Reinforcement	2016
ASTM	A1003 A1003M	Standard Specification for Steel Sheet, Carbon, Metallic and Nonmetallic-Coated for Cold-Formed Framing Members	15
ASTM	B32	Specification for Solder Metal	20
ASTM	B42	Specification for Seamless Copper Pipe, Standard Sizes	20
ASTM	B43	Specification for Seamless Red Brass Pipe, Standard Sizes	20
ASTM	B75 B75M	Specification for Seamless Copper Tube	20
ASTM	B88	Specification for Seamless Copper Water Tube	20
ASTM	B101	Specification for Lead-Coated Copper Sheet and Strip for Building Construction	12 (2019)
ASTM	B135 B135M	Specification for Seamless Brass Tube	17
ASTM	B209	Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate	21
ASTM	B251 B251M	Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube	2017
ASTM	B280	Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service	20
ASTM	B302	Specification for Threadless Copper Pipe, Standard Sizes	17

Reference Standards
**Residential Code of
New York State**

ASTM	B306	Specification for Copper Drainage Tube (DWV)	20
ASTM	B370	Specification for Copper Sheet and Strip for Building Construction	12 (2019)
ASTM	B447	Specification for Welded Copper Tube	12a (2021)
ASTM	B695	Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel	2021
ASTM	B813	Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube	2016
ASTM	B828	Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings	2016
ASTM	C4	Specification for Clay Drain Tile and Perforated Clay Drain Tile	2004 (2018)
ASTM	C5	Specification for Quicklime for Structural Purposes	2018
ASTM	C14	Specification for Nonreinforced Concrete Sewer, Storm Drain and Culvert Pipe	20
ASTM	C22 C22M	Specification for Gypsum	00 (2021)
ASTM	C27	Specification for Standard Classification of Fireclay and High-Alumina Refractory Brick	1998 (2018)
ASTM	C28 C28M	Specification for Gypsum Plasters	10 (2020)
ASTM	C33 C33M	Specification for Concrete Aggregates	2018
ASTM	C34	Standard Specification for Structural Clay Loadbearing Wall Tile	2017
ASTM	C35 C35M	Standard Specification for Inorganic Aggregates for Use in Gypsum Plaster	01 (2019)
ASTM	C55	Specification for Concrete Building Brick	2017
ASTM	C56	Standard Specification for Structural Clay Nonloadbearing Tile	2013 (2017)
ASTM	C59 C59M	Specification for Gypsum Casting Plaster and Molding Plaster	00 (2020)
ASTM	C61 C61M	Specification for Gypsum Keene's Cement	00 (2020)
ASTM	C62	Standard Specification for Building Brick (Solid Masonry Units Made from Clay or Shale)	2017
ASTM	C73	Specification for Calcium Silicate Brick (Sand-Lime Brick)	2017
ASTM	C76	Specification for Reinforced Concrete Culvert, Storm Drain and Sewer Pipe	22
ASTM	C90	Specification for Loadbearing Concrete Masonry Units	21

Reference Standards

Residential Code of
New York State

ASTM	C91 C91M	Specification for Masonry Cement	2018
ASTM	C94 C94M	Standard Specification for Ready-Mixed Concrete	21b
ASTM	C126	Standard Specification for Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units	19
ASTM	C129	Specification for Nonload-Bearing Concrete Masonry Units	2017
ASTM	C143 C143M	Test Method for Slump of Hydraulic Cement Concrete	20
ASTM	C145	Specification for Solid Load-Bearing Concrete Masonry Units	85
ASTM	C150 C150M	Specification for Portland Cement	21
ASTM	C199	Test Method for Pier Test for Refractory Mortars	1984 (2016)
ASTM	C207	Specification for Hydrated Lime for Masonry Purposes	2018
ASTM	C208	Specification for Cellulosic Fiber Insulating Board	22
ASTM	C212	Standard Specification for Structural Clay Facing Tile	21
ASTM	C216	Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale)	21
ASTM	C270	Specification for Mortar for Unit Masonry	19ae1
ASTM	C315	Specification for Clay Flue Liners and Chimney Pots	2007 (2021)
ASTM	C406 C406M	Specification for Roofing Slate	2015
ASTM	C411	Test Method for Hot-Surface Performance of High-Temperature Thermal Insulation	19
ASTM	C425	Specification for Compression Joints for Vitrified Clay Pipe and Fittings	21
ASTM	C443	Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets	21
ASTM	C475 C475M	Specification for Joint Compound and Joint Tape for Finishing Gypsum Board	2017
ASTM	C476	Specification for Grout for Masonry	20
ASTM	C503 C503M	Standard Specification for Marble Dimension Stone	2015
ASTM	C514	Standard Specification for Nails for the Application of Gypsum Board	04 (2020)
ASTM	C552	Standard Specification for Cellular Glass Thermal Insulation	22
ASTM	C557	Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing	2003 (2017)

Reference Standards
**Residential Code of
New York State**

ASTM	C564	Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings	20a
ASTM	C568M	Standard Specification for Limestone Dimension Stone	2015
ASTM	C578	Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation	19
ASTM	C587	Specification for Gypsum Veneer Plaster	2004 (2018)
ASTM	C595 C595M	Specification for Blended Hydraulic Cements	21
ASTM	C615 C615M	Standard Specification for Granite Dimension Stone	2018E1
ASTM	C616 C616M	Standard Specification for Quartz-Based Dimension Stone	2015
ASTM	C629 C629M	Standard Specification for Slate Dimension Stone	2015
ASTM	C631	Standard Specification for Bonding Compounds for Interior Gypsum Plastering	09 (2020)
ASTM	C645	Specification for Nonstructural Steel Framing Members	2018
ASTM	C652	Specification for Hollow Brick (Hollow Masonry Units Made from Clay or Shale)	21
ASTM	C685 C685M	Specification for Concrete Made by Volumetric Batching and Continuous Mixing	2017
ASTM	C700	Specification for Vitriified Clay Pipe, Extra Strength, Standard Strength and Perforated	2018
ASTM	C726	Standard Specification for Mineral Wool Roof Insulation Board	2017
ASTM	C728	Standard Specification for Perlite Thermal Insulation Board	2017A
ASTM	C744	Standard Specification for Prefaced Concrete and Calcium Silicate Masonry Units	2021
ASTM	C836 C836M	Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course	2018 (2022)
ASTM	C841	Standard Specification for Installation of Interior Lathing and Furring	2003 (2018)
ASTM	C842	Standard Specification for Application of Interior Gypsum Plaster	05 (2021)
ASTM	C843	Specification for Application of Gypsum Veneer Plaster	2017
ASTM	C844	Specification for Application of Gypsum Base to Receive Gypsum Veneer Plaster	2015 (2021)
ASTM	C847	Specification for Metal Lath	18
ASTM	C887	Specification for Packaged, Dry, Combined Materials for Surface Bonding Mortar	20

Reference Standards
**Residential Code of
New York State**

ASTM	C897	Specification for Aggregate for Job-Mixed Portland Cement-Based Plasters	15 (2020)
ASTM	C920	Standard Specification for Elastomeric Joint Sealants	2018
ASTM	C926	Specification for Application of Portland Cement-Based Plaster	21
ASTM	C933	Specification for Welded Wire Lath	2018
ASTM	C946	Standard Practice for Construction of Dry-Stacked, Surface-Bonded Walls	2018
ASTM	C954	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) or to 0.112 in. (2.84 mm) in Thickness	2018
ASTM	C957 C957M	Specification for High-Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane with Integral Wearing Surface	2017
ASTM	C1002	Specification for Steel Self-Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs	20
ASTM	C1029	Specification for Spray-Applied Rigid Cellular Polyurethane Thermal Insulation	20
ASTM	C1032	Specification for Woven Wire Plaster Base	2018
ASTM	C1047	Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base	19
ASTM	C1063	Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster	21
ASTM	C1088	Standard Specification for Thin Veneer Brick Units Made from Clay or Shale	20
ASTM	C1107 C1107M	Standard Specification for Packaged Dry, Hydraulic-Cement Grout (Nonshrink)	20
ASTM	C1116 C116M	Standard Specification for Fiber-Reinforced Concrete and Shotcrete	10 (2015)
ASTM	C1157 C1157M	Standard Performance Specification for Hydraulic Cement	20a
ASTM	C1167	Specification for Clay Roof Tiles	2011 (2017)
ASTM	C1173	Specification for Flexible Transition Couplings for Underground Piping Systems	2018
ASTM	C1177 C1177M	Specification for Glass Mat Gypsum Substrate for Use as Sheathing	2017
ASTM	C1178 C1178M	Specification for Glass Mat Water-Resistant Gypsum Backing Panel	2018
ASTM	C1186	Specification for Flat Fiber Cement Sheets	2008 (2016)
ASTM	C1261	Specification for Firebox Brick for Residential Fireplaces	2013 (2017) E1

Reference Standards

Residential Code of
New York State

ASTM	C1277	Specification for Shielded Couplings Joining Hubless Cast Iron Soil Pipe and Fittings	20
ASTM	C1278 C1278M	Specification for Fiber-Reinforced Gypsum Panels	2017
ASTM	C1280	Specification for Application of Exterior Gypsum Panel Products for Use as Sheathing	18
ASTM	C1283	Practice for Installing Clay Flue Lining	2015 (2021)
ASTM	C1288	Standard Specification for Fiber-Cement Interior Substrate Sheets	2017
ASTM	C1289	Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board	22
ASTM	C1313 C1313M	Standard Specification for Sheet Radiant Barriers for Building Construction Applications	13 (2019)
ASTM	C1325	Standard Specification for Fiber-Mat Reinforced Cementitious Backer Units	21
ASTM	C1328 C1328M	Specification for Plastic (Stucco) Cement	19
ASTM	C1363	The Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus	19
ASTM	C1364	Standard Specification for Architectural Cast Stone	19
ASTM	C1371	Standard Test Method for Determination of Emittance of Materials Near Room Temperature Using Portable Emissometers	15 (2022)
ASTM	C1396 C1396M	Specification for Gypsum Board	2017
ASTM	C1405	Standard Specification for Glazed Brick (Single Fired, Brick Units)	20a
ASTM	C1440	Specification for Thermoplastic Elastomeric (TPE) Gasket Materials for Drain, Waste and Vent (DWV), Sewer, Sanitary and Storm Plumbing Systems	21
ASTM	C1460	Specification for Shielded Transition Couplings for Use with Dissimilar DWV Pipe and Fittings Above Ground	21
ASTM	C1461	Specification for Mechanical Couplings Using Thermoplastic Elastomeric (TPE) Gaskets for Joining Drain, Waste and Vent (DWV) Sewer, Sanitary and Storm Plumbing Systems for Above and Below Ground Use	21
ASTM	C1492	Specification for Concrete Roof Tile	2003 (2016)
ASTM	C1513	Standard Specification for Steel Tapping Screws for Cold-Formed Steel Framing Connections	2018
ASTM	C1540	Specification for Heavy-Duty Shielded Couplings Joining Hubless Cast Iron Soil Pipe and Fittings	20

Reference Standards

Residential Code of
New York State

<u>ASTM</u>	<u>C1549</u>	<u>Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer</u>	<u>16 (2022)</u>
ASTM	C1634	Standard Specification for Concrete Facing Brick and Other Concrete Masonry Facing Units	<u>20</u>
ASTM	C1658 C1658M	Standard Specification for Glass Mat Gypsum Panels	<u>19e1</u>
ASTM	C1668	Standard Specification for Externally Applied Reflective Insulation Systems on Rigid Duct in Heating, Ventilation, and Air Conditioning (HVAC) Systems	<u>20</u>
ASTM	C1670 1670M	Standard Specification for Adhered Manufactured Stone Masonry Veneer Units	<u>21b</u>
ASTM	C1691	Standard Specification for Unreinforced Autoclaved Aerated Concrete (AAC) Masonry Units	<u>2021</u>
ASTM	C1693	Standard Specification for Autoclaved Aerated Concrete (AAC)	<u>2011 (2017)</u>
<u>ASTM</u>	<u>C1743</u>	<u>Standard Practice for Installation and Use of Radiant Barrier Systems (RBS) in Residential Building Construction</u>	<u>2019</u>
ASTM	C1766	Standard Specification for Factory-Laminated Gypsum Panel Products	<u>2015 (2019)</u>
<u>ASTM</u>	<u>C1902</u>	<u>Standard Specification for Cellular Glass Insulation Used in Building and Roof Applications</u>	<u>20</u>
ASTM	D41 D41M	Specification for Asphalt Primer Used in Roofing, Dampproofing and Waterproofing	<u>2011 (2016)</u>
ASTM	D43 D43M	Specification for Coal Tar Primer Used in Roofing, Dampproofing and Waterproofing	<u>2000 (2018)</u>
ASTM	D226 D226M	Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing	<u>2017</u>
ASTM	D227 D227M	Specification for Coal-Tar-Saturated Organic Felt Used in Roofing and Waterproofing	<u>2003 (2018)</u>
ASTM	D312 D312M	Specification for Asphalt Used in Roofing	<u>2016a</u>
ASTM	D422	Test Method for Particle-Size Analysis of Soils	63(2007)E2
ASTM	D449 D449M	Specification for Asphalt Used in Dampproofing and Waterproofing	<u>03 (2021)</u>
ASTM	D450 D450M	Specification for Coal-Tar Pitch Used in Roofing, Dampproofing and Waterproofing	<u>2017 (2018)</u>
ASTM	D1227	Specification for Emulsified Asphalt Used as a Protective Coating for Roofing	<u>13 (2019) e1'</u>

Reference Standards
**Residential Code of
New York State**

ASTM	D1248	Specification for Polyethylene Plastics Extrusion Materials for Wire and Cable	2016
ASTM	D1527	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80	99 (2005)
ASTM	D1693	Test Method for Environmental Stress-Cracking of Ethylene Plastics	21
ASTM	D1784	Standard Classification System and Basis for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds	20
ASTM	D1785	Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80 and 120	21a
ASTM	D1863 D1863M	Specification for Mineral Aggregate Used on Built-Up Roofs	2005 (2018)
ASTM	D1869	Specification for Rubber Rings for Fiber-Reinforced Cement Pipe	15
ASTM	D1970 D1970M	Specification for Self-adhering Polymer Modified Bitumen Sheet Materials Used as Steep Roof Underlayment for Ice Dam Protection	21
ASTM	D2104	Specification for Polyethylene (PE) Plastic Pipe, Schedule 40	3
ASTM	D2178 D2178M	Specification for Asphalt Glass Felt Used in Roofing and Waterproofing	15A (2021)
ASTM	D2235	Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings	2021
ASTM	D2239	Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter	21
ASTM	D2241	Specification for Poly (Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR-Series)	20
ASTM	D2282	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (SDR-PR)	99 (2005)
ASTM	D2412	Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading	21
ASTM	D2447	Specification for Polyethylene (PE) Plastic Pipe Schedules 40 and 80, Based on Outside Diameter	3
ASTM	D2464	Standard Specification for Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80	15
ASTM	D2466	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40	21
ASTM	D2467	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80	20

Reference Standards
**Residential Code of
New York State**

ASTM	D2468	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 40	96a
ASTM	D2513	Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing and Fittings	20
ASTM	D2564	Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems	20
ASTM	D2609	Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe	21
ASTM	D2626 D2626M	Specification for Asphalt-Saturated and Coated Organic Felt Base Sheet Used in Roofing	04 (2020)
ASTM	D2657	Standard Practice for Heat Fusion Joining of Polyolefin Pipe Fittings	2007 (2015)
ASTM	D2661	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings	21
ASTM	D2665	Specification for Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings	20
ASTM	D2672	Standard Specification for Joints for IPS PVC Pipe Using Solvent Cement	20e1
ASTM	D2680	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Composite Sewer Piping	20
ASTM	D2683	Standard Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing	20
ASTM	D2729	Specification for Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings	21
ASTM	D2737	Standard Specification for Polyethylene (PE) Plastic Tubing	21
ASTM	D2751	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings	5
ASTM	D2822 D2822M	Specification for Asphalt Roof Cement, Asbestos Containing	2005 (2011) e1
ASTM	D2823 D2823M	Specification for Asphalt Roof Coatings, Asbestos Containing	05 (2011) e1
ASTM	D2824 D2824M	Standard Specification for Aluminum-Pigmented Asphalt Roof Coatings, Nonfibered and Fibered without Asbestos	2018
ASTM	D2846 D2846M	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems	19a
ASTM	D2855	Standard Practice for the Two-Step (Primer and Solvent Cement) Method of Joining Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets	20
ASTM	D2898	Test Methods for Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing	2010 (2017)

Reference Standards
**Residential Code of
New York State**

ASTM	D2949	Specification for 3.25-in. Outside Diameter Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste and Vent Pipe and Fittings	18
ASTM	D3019 D3019	Specification for Lap Cement Used with Asphalt Roll Roofing, Nonfibered, Asbestos Fibered and Nonasbestos Fibered	2017
ASTM	D3034	Specification for Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings	21
ASTM	D3035	Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter	21
ASTM	D3138	Standard Specification for Solvent Cements for Transition Joints Between Acrylonitrile-Butadiene-Styrene (ABS) and Poly (Vinyl Chloride) (PVC) Non-Pressure Piping Components	2021
ASTM	D3161 D3161M	Test Method for Wind Resistance of Steep Slope Roofing Products (Fan-Induced Method)	20
ASTM	D3201 D3201M	Test Method for Hygroscopic Properties of Fire-Retardant Wood and Wood-Base Products	20
ASTM	D3212	Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals	2021
ASTM	D3261	Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing	2016
ASTM	D3309	Specification for Polybutylene (PB) Plastic Hot- and Cold-Water Distribution System	96a (2002)
ASTM	D3311	Specification for Drain, Waste and Vent (DWV) Plastic Fittings Patterns	2017 (2021)
ASTM	D3350	Specification for Polyethylene Plastic Pipe and Fitting Materials	21
ASTM	D3462 D3462M	Specification for Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules	19
ASTM	D3468 D3468M	Specification for Liquid-Applied Neoprene and Chlorosulfonated Polyethylene Used in Roofing and Waterproofing	99 (2020)
ASTM	D3679	Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding	21
ASTM	D3737	Practice for Establishing Allowable Properties for Structural Glued Laminated Timber (Glulam)	2018E1
ASTM	D3747	Specification for Emulsified Asphalt Adhesive for Adhering Roof Insulation	79 (2007)
ASTM	D3909 D3909M	Specification for Asphalt Roll Roofing (Glass Felt) Surfaced with Mineral Granules	14 (2021)
ASTM	D4022 D4022M	Specification for Coal Tar Roof Cement, Asbestos Containing	07 (2012) e1

Reference Standards
**Residential Code of
New York State**

ASTM	D4068	Specification for Chlorinated Polyethylene (CPE) Sheeting for Concealed Water Containment Membrane	2017 (2022)
ASTM	D4318	Test Methods for Liquid Limit, Plastic Limit and Plasticity Index of Soils	2017e1
ASTM	D4434 D4434M	Specification for Poly (Vinyl Chloride) Sheet Roofing	21
ASTM	D4479 D4479M	Specification for Asphalt Roof Coatings—Asbestos-Free	2007 (2018)
ASTM	D4551	Specification for Poly (Vinyl Chloride) (PVC) Plastic Flexible Concealed Water-Containment Membrane	2017
ASTM	D4586 D4586M	Specification for Asphalt Roof Cement—Asbestos-Free	2007 (2018)
ASTM	D4601 D4601M	Specification for Asphalt-Coated Glass Fiber Base Sheet Used in Roofing	04 (2020)
ASTM	D4637 D4637M	Specification for EPDM Sheet Used in Single-Ply Roof Membrane	2015 (2021)
ASTM	D4829	Test Method for Expansion Index of Soils	21
ASTM	D4869 D4869M	Specification for Asphalt-Saturated (Organic Felt) Underlayment Used in Steep Slope Roofing	2016A (2021)
ASTM	D4897 D4897M	Specification for Asphalt-Coated Glass-Fiber Venting Base Sheet Used in Roofing	2016
ASTM	D4990	Specification for Coal-Tar Glass Felt Used in Roofing and Waterproofing	97a (2020)
ASTM	D5019	Specification for Reinforced Nonvulcanized Polymeric Sheet Used in Roofing Membrane	07a
ASTM	D5055	Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-Joists	19e1
ASTM	D5456	Standard Specification for Evaluation of Structural Composite Lumber Products	21e1
ASTM	D5516	Test Method for Evaluating the Flexural Properties of Fire-Retardant-Treated Softwood Plywood Exposed to the Elevated Temperatures	2018
ASTM	D5643 D5643M	Specification for Coal Tar Roof Cement Asbestos-Free	2006 (2018)
ASTM	D5664	Test Methods for Evaluating the Effects of Fire-Retardant Treatments and Elevated Temperatures on Strength Properties of Fire-Retardant-Treated Lumber	2017

Reference Standards
**Residential Code of
New York State**

ASTM	D5665 D5665M	Specification for Thermoplastic Fabrics Used in Cold-Applied Roofing and Waterproofing	99a (2021)
ASTM	D5726	Specification for Thermoplastic Fabrics Used in Hot-Applied Roofing and Waterproofing	98 (2020)
ASTM	D6083 D6083M	Specification for Liquid-Applied Acrylic Coating Used in Roofing	2021
ASTM	D6162 D6162M	Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements	2021
ASTM	D6163 D6163M	Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements	2021
ASTM	D6164 D6164M	Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Polyester Reinforcements	2021
ASTM	D6222 D6222M	Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using Polyester Reinforcements	2016
ASTM	D6223 D6223M	Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements	2021
ASTM	D6298	Specification for Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Bituminous Sheets with a Factory Applied Metal Surface	2016
ASTM	D6305	Practice for Calculating Bending Strength Design Adjustment Factors for Fire-Retardant-Treated Plywood Roof Sheathing	21
ASTM	D6380 D6380M	Standard Specification for Asphalt Roll Roofing (Organic Felt)	2003 (2018)
ASTM	D6464	Standard Specification for Expandable Foam Adhesives for Fastening Gypsum Wallboard to Wood Framing	2003A (2017)
ASTM	D6694 D6694M	Standard Specification for Liquid-Applied Silicone Coating Used in Spray Polyurethane Foam Roofing Systems	08 (2013) E1
ASTM	D6754 D6754M	Standard Specification for Ketone Ethylene Ester Based Sheet Roofing	2015
ASTM	D6757 D6757M	Specification for Underlayment Felt Containing Inorganic Fibers Used in Steep-Slope Roofing	2018
ASTM	D6841	Standard Practice for Calculating Design Value Treatment Adjustment Factors for Fire-Retardant-Treated Lumber	21
ASTM	D6878 D6878M	Standard Specification for Thermoplastic Polyolefin-Based Sheet Roofing	2021

Reference Standards

Residential Code of
New York State

ASTM	D6947 D6947M	Standard Specification for Liquid Applied Moisture Cured Polyurethane Coating Used in Spray Polyurethane Foam Roofing System	2016
ASTM	D7032	Standard Specification for Establishing Performance Ratings for Wood-Plastic Composite and Plastic Lumber Deck Boards, Stair Treads, Guards, and Handrails	2021
ASTM	D7158	Standard Test Method for Wind Resistance of Asphalt Shingles (Uplift Force/Uplift Resistance Method)	20
ASTM	D7254	Standard Specification for Polypropylene (PP) Siding	21
ASTM	D7425 D7425M	Standard Specification for Spray Polyurethane Foam Used for Roofing Applications	13 (2019)
ASTM	D7672	Standard Specification for Evaluating Structural Capacities of Rim Board Products and Assemblies	19
ASTM	D7793	Standard Specification for Insulated Vinyl Siding	20
ASTM	D8257 D8257M	Standard Specification for Mechanically Attached Polymeric Roof Underlayment Used in Steep Slope Roofing	20
ASTM	E84	Standard Test Method for Surface Burning Characteristics of Building Materials	21a
ASTM	E96 E96M	Standard Test Methods for Gravimetric Determination of Water Vapor Transmission Rate of Materials	21
ASTM	E108	Standard Test Methods for Fire Tests of Roof Coverings	20a
ASTM	E119	Standard Test Methods for Fire Tests of Building Construction and Materials	20
ASTM	E136	Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750 Degrees C	2022
ASTM	E283 E283M	Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Skylights, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen	19
ASTM	E330 E330M	Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference	14 (2021)
ASTM	E331	Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference	2000 (2016)
ASTM	E408	Standard Test Methods for Total Normal Emittance of Surfaces Using Inspection-Meter Techniques	13 (2019)
ASTM	E779	Standard Test Method for Determining Air Leakage Rate by Fan Pressurization	19
ASTM	E814	Standard Test Method for Fire Tests of Penetration Firestop Systems	2013A (2017)

Reference Standards

Residential Code of
New York State

<u>ASTM</u>	<u>E903</u>	<u>Standard Test Method for Solar Absorptance, Reflectance and Transmittance of Materials Using Integrating Spheres</u>	<u>20</u>
ASTM	E970	Standard Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source	<u>2017</u>
ASTM	E1509	Standard Specification for Room Heaters, Pellet Fuel-Burning Type	<u>2012 (2017)</u>
ASTM	E1554 E1554 M	Standard Test Methods for Determining Air Leakage of Air Distribution Systems by Fan Pressurization	<u>13 (2018)</u>
<u>ASTM</u>	<u>E1592</u>	<u>Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference</u>	<u>2005 (2017)</u>
ASTM	E1602	Guide for Construction of Solid Fuel Burning Masonry Heaters	<u>2003 (2017)</u>
ASTM	E1745	Standard Specification for Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill under Concrete Slabs	<u>17</u>
ASTM	E1827	Standard Test Methods for Determining Airtightness of Buildings Using an Orifice Blower Door	<u>11 (2017)</u>
ASTM	E1886	Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials	<u>19</u>
<u>ASTM</u>	<u>E1918</u>	<u>Standard Test Method for Measuring Solar Reflectance of Horizontal and Low-Sloped Surfaces in the Field</u>	<u>21</u>
<u>ASTM</u>	<u>E1980</u>	<u>Standard Practice for Calculating Solar Reflectance of Horizontal and Low-sloped Opaque Surfaces</u>	<u>11 (2019)</u>
ASTM	E1996	Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes	<u>20</u>
ASTM	E2178	Standard Test Method for Determining Air Leakage Rate and Calculation of Air Permeance of Building Materials	<u>21a</u>
ASTM	E2231	Standard Practice for Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess Surface Burning Characteristics	<u>21</u>
ASTM	E2273	Standard Test Method for Determining the Drainage Efficiency of Exterior Insulation and Finish Systems (EIFS) Clad Wall Assemblies	<u>2018</u>
ASTM	E2556 E2556M	Standard Specification for Vapor Permeable Flexible Sheet Water-resistive Barriers Intended for Mechanical Attachment	<u>2010 (2016)</u>
ASTM	E2568	Standard Specification for PB Exterior Insulation and Finish Systems	<u>2017A</u>
ASTM	E2570 E2570M	Test Methods for Evaluating Water-Resistive Barrier (WRB) Coatings Used under Exterior Insulation and Finish Systems (EIFS) or EIFS with Drainage	<u>07 (2019)</u>
ASTM	E2634	Standard Specification for Flat Wall Insulating Concrete Form (ICF) Systems	<u>2018</u>

Reference Standards

Residential Code of
New York State

ASTM	E2925	Standard Specification for Manufactured Polymeric Drainage and Ventilation Materials Used to Provide a Rainscreen Function	19a
ASTM	E3158	Standard Test Method for Measuring the Air Leakage Rate of a Large or Multizone Building	18
ASTM	F405	Specification for Corrugated Polyethylene (PE) Pipe and Fittings	5
ASTM	F409	Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings	2017
ASTM	F437	Standard Specification for Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80	21
ASTM	F438	Standard Specification for Socket-Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40	2017
ASTM	F439	Standard Specification for Socket Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80	19
ASTM	F441 F441M	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80	20
ASTM	F442 F442M	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR)	20
ASTM	F477	Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe	14 (2021)
ASTM	F493	Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings	20
ASTM	F628	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe with a Cellular Core	2012E2
ASTM	F656	Specification for Primers for Use in Solvent Cement Joints of Poly(Vinyl Chloride) (PVC) Plastic Pipe and Fittings	21
ASTM	F667 F667M	Standard Specification for 3 through 24 in. Corrugated Polyethylene Pipe and Fittings	16 (2021)
ASTM	F714	Standard Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Outside Diameter	21a
ASTM	F844	Standard Specification for Washers, Steel, Plain (Flat), Unhardened for General Use	19
ASTM	F876	Standard Specification for Crosslinked Polyethylene (PEX) Tubing	20b
ASTM	F877	Standard Specification for Crosslinked Polyethylene (PEX) Plastic Hot- and Cold-Water Distribution Systems	20
ASTM	F891	Standard Specification for Coextruded Poly(Vinyl Chloride) (PVC) Plastic Pipe with a Cellular Core	2016

Reference Standards

Residential Code of
New York State

ASTM	F1055	Standard Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Crosslinked Polyethylene Pipe and Tubing	2016A
ASTM	F1281	Standard Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe	2017 (2021) e1
ASTM	F1282	Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe	2017
ASTM	F1412	Specification for Polyolefin Pipe and Fittings for Corrosive Waste Drainage	2016
ASTM	F1488	Standard Specification for Coextruded Composite Pipe	14 (2019)
ASTM	F1504	Standard Specification for Folded Poly (Vinyl Chloride) (PVC) for Existing Sewer and Conduit Rehabilitation	21
ASTM	F1554	Specification for Anchor Bolts, Steel, 36, 55 and 105-ksi Yield Strength	20
ASTM	F1667	Specification for Driven Fasteners: Nails, Spikes, and Staples	21a
ASTM	F1807	Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps, for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	19b
ASTM	F1866	Specification for Poly (Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated Fittings	2018
ASTM	F1871	Standard Specification for Folded/Formed Poly (Vinyl Chloride) Pipe Type A for Existing Sewer and Conduit Rehabilitation	20
ASTM	F1924	Standard Specification for Plastic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing	19
ASTM	F1960	Standard Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-Linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing	21
ASTM	F1970	Standard Specification for Special Engineered Fittings, Appurtenances or Valves for Use in Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Systems	19
ASTM	F1973	Standard Specification for Factory Assembled Anodeless Risers and Transition Fittings in Polyethylene (PE) and Polyamide 11 (PA11) and Polyamide 12 (PA12) Fuel Gas Distribution Systems	21
ASTM	F1974	Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe	09 (2020)

Reference Standards
**Residential Code of
New York State**

ASTM	F1986	Specification for Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hot and Cold Drinking-Water Systems	2001 (2011)
ASTM	F2080	Standard Specification for Cold-Expansion Fittings with Metal Compression-Sleeves for Crosslinked Polyethylene (PEX) Pipe and SDR9 Polyethylene of Raised Temperature (PE-RT) Pipe	19
ASTM	F2090	Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms	21
ASTM	F2098	Standard Specification for Stainless Steel Clamps for Securing SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) to Metal Insert and Plastic Insert Fittings	18
ASTM	F2159	Standard Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps for SDR9 Crosslinked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	21
ASTM	F2262	Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Tubing OD Controlled SDR9	9
ASTM	F2389	Standard Specification for Pressure-Rated Polypropylene (PP) Piping Systems	21
ASTM	F2434	Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Cross-Linked Polyethylene/Aluminum/Cross-Linked Polyethylene (PEX AL-PEX) Tubing	19
ASTM	F2623	Standard Specification for Polyethylene of Raised Temperature (PE-RT) Systems for Non-Potable Water Applications	22
ASTM	F2735	Standard Specification for Plastic Insert Fittings for SDR9 Cross-Linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing	21
ASTM	F2769	Standard Specification for Polyethylene of Raised Temperature (PE-RT) Plastic Hot- and Cold-Water Tubing and Distribution Systems	18
ASTM	F2806	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (Metric SDR-PR)	20
ASTM	F2855	Standard Specification for Chlorinated Poly(Vinyl Chloride)/Aluminum/Chlorinated Poly(Vinyl Chloride) (CPVC-ALCPVC) Composite Pressure Tubing	19
ASTM	F2945	Standard Specification for Polyamide 11 Gas Pressure Pipe, Tubing and Fittings	2018
ASTM	F2969	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) IPS Dimensioned Pressure Pipe	12 (2020)

Reference Standards
**Residential Code of
New York State**

ASTM	F3226 F3226M	Standard Specification for Metallic Press-Connect Fittings for Piping and Tubing Systems	19
ASTM	F3253	Standard Specification for Crosslinked Polyethylene (PEX) Tubing with Oxygen Barrier for Hot- and Cold-Water Hydronic Distribution Systems	19
ASTM	F3328	Standard Practice for the One-Step (Solvent Cement Only) Method of Joining Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets	18
ASTM	F3347	Standard Specification for Metal Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	20a
ASTM	F3348	Standard Specification for Plastic Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	20b
ASTM	F3371	Standard Specification for Polyolefin Pipe and Fittings for Drainage, Waste, and Vent Applications	19
American Wood Council			
AWC	ANSI NDS AWC NDS	National Design Specification (NDS) for Wood Construction—with 2018 Supplement	2024
AWC	ANSI PWF AWC PWF	Permanent Wood Foundation Design Specification	2021
AWC	ANSI WFCM AWC WFCM	Wood Frame Construction Manual for One- and Two-Family Dwellings	2024
AWC	AWC STJR	Span Tables for Joists and Rafters	2024
American Wood Protection Association			
AWPA	C1	All Timber Products—Preservative Treatment by Pressure Processes	3
AWPA	M4	Standard for the Handling, Storage, Field Fabrication, and Field Treatment of Preservative-treated Wood Products:	21
AWPA	U1	USE CATEGORY SYSTEM: User Specification for Treated Wood Except Commodity Specification H	23
American Welding Society			
AWS	A5.8M A5.8	Specification for Filler Metals for Brazing and Braze Welding	2019

Reference Standards

Residential Code of
New York State

AWS	ANSI A5.31M AWS A5.31M A5.31	Specification for Fluxes for Brazing and Braze Welding Edition: 2nd	2012
American Water Works Association			
AWWA	C104 A21.4	Cement-mortar Lining for Ductile-iron Pipe and Fittings	16
AWWA	C110 A21.10	Ductile-iron and Gray-iron Fittings	21
AWWA	C115 A21.15	Flanged Ductile-iron Pipe with Ductile-iron or Gray-iron Threaded Flanges	20
AWWA	C151 A21.51	Ductile-Iron Pipe, Centrifugally Cast	17
AWWA	C153 A21.53	Ductile-Iron Compact Fittings	19
AWWA	C500	Metal-Seated Gate Valves for Water Supply Service	19
AWWA	C504	Rubber-Seated Butterfly Valves	15
AWWA	C507	Ball Valves, 6 In. Through 60 In. (150 mm through 1,500 mm)	18
AWWA	C510	Double Check Valve Backflow Prevention Assembly	17
AWWA	C511	Reduced-pressure Principle Backflow Prevention Assembly	17
AWWA	C901	Polyethylene (PE) Pressure Pipe and Tubing 3/4 Inch (19 mm) through 3 In. (76 mm), for Water Service	20
AWWA	C903	Polyethylene-Aluminum-Polyethylene (PE-AL-PE) Composite Pressure Pipe, (12 mm) (1/2 in.) through 51 mm (2 in.), for Water Service	21
AWWA	C904	Crosslinked Polyethylene (PEX) Pressure Tubing, 1/2 in. (13 mm) through 3 in. (76 mm), for Water Service	16
European Committee for Standardization (EN)			
CEN	EN 15250	Slow Heat Release Appliances Fired by Solid Fuel Requirements and Test Methods	2007
Cast Iron Soil Pipe Institute			
CISPI	301	Standard Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste and Vent Piping Applications	21
CISPI	310	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	20

Composite Panel Association			
CPA	ANSI A135.4	Basic Hardboard	2012 (R2020)
CPA	ANSI A135.5	Prefinished Hardboard Paneling	2012 (R2020)
CPA	ANSI A135.6	Engineered Wood Siding	2012 (R2020)
CPA	ANSI A135.7	Engineered Wood Trim	2012 (R2020)
CPA	ANSI A208.1	Particleboard	2016
Consumer Product Safety Commission			
CPSC	16 CFR, Part 1201	Safety Standard for Architectural Glazing Material	2002
CPSC	16 CFR, Part 1209	Interim Safety Standard for Cellulose Insulation	2002
CPSC	16 CFR, Part 1404	Cellulose Insulation	2002
Cool Roof Rating Council			
CRRC	ANSI/CRRC-S100	Standard Test Methods for Determining Radiative Properties of Materials	2021
CSA Group			
CSA	A112.18.6 CSA B125.6	Flexible Water Connectors	2021/21
CSA	A112.19.5 CSA B45.15	Flush Valves and Spuds for Water Closets, Urinals and Tanks	2022/22
CSA	A112.19.7 CSA B45.10	Hydromassage Bathtub Systems	20
CSA	A257.2	Reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe and Fittings	19
CSA	A257.3	Joints for Circular Concrete Sewer and Culvert Pipe, Manhole Sections and Fittings Using Rubber Gaskets	19
CSA	AAMA 101 WDMA 101 CSA 101 I.S.2 A440	North American Fenestration Standard/Specification for Windows, Doors, and Skylights	22
CSA	ANSI C448 Series CSA C448 Series IGSHPA C448 Series	Design and Installation of Ground Source Heat Pump Systems for Commercial and Residential Buildings	16 (R2021)
CSA	ASME A17.1 CSA B44	Safety Code for Elevators and Escalators	2022/22
CSA	ASME A112.3.4 CSA B45.9	Macerating Toilet Systems and Waste Pumping Systems for Plumbing Fixtures	2018/ 18 (R2023)

Reference Standards
**Residential Code of
New York State**

CSA	ASME A112.4.2 CSA B45.16	Personal Hygiene Devices for Water Closets	2021/21
CSA	ASME A112.18.1 CSA B125.1	Plumbing Supply Fittings	2023/23
CSA	ASME A112.18.2 CSA B125.2	Plumbing Waste Fittings	2023/23
CSA	ASME A112.19.1 CSA B45.2	Enamelled Cast-iron and Enamelled Steel Plumbing Fixtures	2023/23
CSA	ASME A112.19.2 CSA B45.1	Ceramic Plumbing Fixtures	2023/23
CSA	ASME A112.19.3 CSA B45.4	Stainless Steel Plumbing Fixtures	2022/22
CSA	ASSE 1002 ASME A112.1002 CSA B125.12	Anti-Siphon Fill Valves for Water Closet Tanks	2020/20
CSA	ASSE 1016 ASME A112.1016 CSA B125.16	Performance Requirements for Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations	2017/ (R2022)
CSA	ASSE 1070 ASME A112.1070 CSA B125.70	Performance Requirements for Water Temperature Limiting Devices	2020/20
CSA	B55.1	Test Method for Measuring Efficiency and Pressure Loss of Drain Water Heat Recovery Units	20
CSA	B55.2	Drain Water Heat Recovery Units	20
CSA	B64.1.1	Vacuum Breakers, Atmospheric Type (AVB)	21
CSA	B64.1.2	Pressure Vacuum Breakers (PVB)	21
CSA	B64.1.3	Spill Resistant Pressure Vacuum Breakers (SRPVB)	21
CSA	B64.2	Vacuum Breakers, Hose Connection Type (HCVB)	21
CSA	B64.2.1	Hose Connection Vacuum Breakers (HCVB) with Manual Draining Feature	21
CSA	B64.2.1.1	Hose Connection Dual Check Vacuum Breakers (HCDVB)	21
CSA	B64.2.2	Vacuum Breakers, Hose Connection Type (HCVB) with Automatic Draining Feature	21
CSA	B64.3	Dual Check Backflow Preventers with Atmospheric Port (DCAP)	21
CSA	B64.4	Reduced Pressure Principle (RP) Backflow Preventers	21

Reference Standards

Residential Code of
New York State

CSA	B64.4.1	Reduced Pressure Principle Backflow Preventers for Fire Protection Systems (RPF)	21
CSA	B64.5	Double Check Backflow Preventers (DCVA)	21
CSA	B64.5.1	Double Check Valve Backflow Preventers for Fire Protection Systems (DCVAF)	21
CSA	B64.6	Dual Check Valve (DuC) Backflow Preventers	21
CSA	B64.7	Laboratory Faucet Vacuum Breakers (LFVB)	21
CSA	B125.3	Plumbing Fittings	23
CSA	B137.1	Polyethylene (PE) Pipe, Tubing and Fittings for Cold-water Pressure Services	23
CSA	B137.2	Polyvinylchloride (PVC) Injection-moulded Gasketed Fittings for Pressure Applications	23
CSA	B137.3	Rigid Polyvinylchloride (PVC) Pipe and Fittings for Pressure Applications	23
CSA	B137.5	Crosslinked Polyethylene (PEX) Tubing Systems for Pressure Applications	23
CSA	B137.6	Chlorinated polyvinylchloride (CPVC) Pipe, Tubing and Fittings for Hot- and Cold-water Distribution Systems	23
CSA	B137.9	Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure-pipe Systems	23
CSA	B137.10	Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Composite Pressure-pipe Systems	23
CSA	B137.11	Polypropylene (PP-R & PP-RCT) pipe and fittings for pressure applications	23
CSA	B137.18	Polyethylene of Raised Temperature (PE-RT) Tubing Systems for Pressure Applications	23
CSA	B181.1	Acrylonitrile-Butadiene-Styrene (ABS) Drain, Waste, and Vent Pipe and Pipe Fittings	21
CSA	B181.2	Polyvinylchloride (PVC) Drain and Chlorinated Polyvinylchloride (CPVC) Drain, Waste, and Vent Pipe and Pipe Fittings	21
CSA	B181.3	Polyolefin and Polyvinylidene Fluoride (PVDF) Laboratory Drainage Systems	21
CSA	B182.1	Plastic Drain and Sewer Pipe and Pipe Fittings	21
CSA	B182.2	PSM Type polyvinylchloride (PVC) Sewer Pipe and Fittings	21
CSA	B182.4	Profile Polyvinylchloride (PVC) Sewer Pipe and Fittings	21
CSA	B182.6	Profile Polyethylene (PE) Sewer Pipe and Fittings for Leak-Proof Sewer Applications	21
CSA	B182.8	Profile Polyethylene (PE) Storm Sewer and Drainage Pipe and Fittings	21
CSA	B356	Water Pressure Reducing Valves for Domestic Water Supply Systems	10 (R2020)
CSA	B483.1	Drinking Water Treatment Systems	22

Reference Standards

Residential Code of
New York State

CSA	B602	Mechanical Couplings for Drain, Waste and Vent Pipe and Sewer Pipe	20
CSA	C22.2 No. 218.1	Spas, Hot Tubs and Associated Equipment	13 (R2017)
CSA	C22.2 No. 236	Heating and Cooling Equipment	15
CSA	CAN-C439 CSA-C439	Laboratory methods of test for rating the performance of heat/energy-recovery ventilators	18
CSA	CSA 8	Requirements for Gas-fired Log Lighters for Wood Burning Fireplaces	93
CSA	CSA A257.1	Non-reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe and Fittings	19
CSA	CSA B45.5	Plastic Plumbing Fixtures	22/2022
CSA	CSA B55.1	Test Method for Measuring Efficiency and Pressure Loss of Drain Water Heat Recovery Units	20
CSA	CSA B55.2	Drain Water Heat Recovery Units	20
CSA	CSA B805 ICC 805	Rainwater Harvesting Systems	22/2022
CSA	CSA O325	Construction Sheathing	21
CSA	CSA FC 1 ANSI FC 1 CSA C22.2 No. 62282-2-100	Fuel Cell Technologies—Part 3-100: Stationary Fuel Cell Power Systems—Safety	21
CSA	O437-Series	Standards on OSB and Waferboard	93 (R2011)
CSA	P.4.1	Testing method for measuring fireplace efficiency	2021
CSA	UL 60335-2-40 CSA 60335-2-40	Household and Similar Electrical Appliances—Safety—Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers	2022
<u>Cedar Shake & Shingle Bureau</u>			
CSSB	CSSB	Grading and Packing Rules for Western Red Cedar Shakes and Western Red Cedar Shingles of the Cedar Shake and Shingle Bureau	97
<u>Consumer Technology Association</u>			
CTA	ANSI-2045-A CTA-2045-A	Modular Communications Interface for Energy Management	2018
CTA	ANSI-2045-B CTA-2045-B	Modular Communications Interface for Energy Management	2018

Door and Access Systems Manufacturers Association

DASMA	ANSI 105 DASMA 105	Test Method for Thermal Transmittance and Air Infiltration of Garage Doors and Rolling Doors	2020
DASMA	ANSI 108 DASMA 108	Standard Method for Testing Sectional Doors, Rolling Doors and Flexible Doors: Determination of Structural Performance Under Uniform Static Air Pressure Difference	2017
DASMA	ANSI 115 DASMA 115	Standard Method for Testing Sectional Doors, Rolling Doors and Flexible Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure	2017

Decorative Hardwoods Association

DHA	ANSI HP-1 HPVA HP-1	American National Standard for Hardwood and Decorative Plywood	2022
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U.S. Department of Commerce

DOC	PS 1	Structural Plywood	22
DOC	PS 2	Performance Standard for Wood Structural Panels	18
DOC	PS 20	American Softwood Lumber Standard	20

US Department of Energy

DOE	10 CFR, Part 430	Energy Conservation Program for Consumer Products: Energy and Water Conservation Standards and their compliance dates.	2021
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U.S. Department of Transportation

DOTn	49 CFR, Parts 192.281(e) & 192.283 (b)	Transportation of Natural and Other Gas by Pipeline: Minimum Federal Safety Standards	2009
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Federal Emergency Management Agency

FEMA	FEMA TB-2	Flood Damage-resistant Materials Requirements	23
FEMA	FEMA TB-11	Crawlspace Construction for Buildings Located in Special Flood Hazard Area	23

Fenestration and Glazing Industry Alliance

FGIA	450	Performance Rating Method for Muller Combination Assemblies, Composite Units, and Other Muller Fenestration Systems	20
FGIA	506	Voluntary Specifications for Impact and Cycle Testing of Fenestration Products	16
FGIA	711	Specification for Self-Adhering Flashing Used for Installation of Exterior Wall Fenestration Products	22

Reference Standards

Residential Code of
New York State

FGIA	712	Voluntary Specification for Mechanically Attached Flexible Flashing	23
FGIA	714	Voluntary Specification for Liquid-Applied Flashing Used to Create a Water-Resistive Seal around Exterior Wall Openings in Buildings	23
FGIA	AAMA 2100 NSA 2100	Specifications for Sunrooms	22
FGIA	AAMA 101 WDMA 101 CSA 101 I.S.2 A440	North American Fenestration Standard/Specification for Windows, Doors, and Skylights	22
Factory Mutual			
FM	4450	Approval Standard for Class 1 Insulated Steel Deck Roofs with Supplements through July 1992	89
FM	4474	American National Standard for Evaluating the Simulated Wind Uplift Resistance of Roof Assemblies Using Static Positive and/or Negative Differential Pressures	2020
FM	ANSI 4880 FM 4880	American National Standard for Evaluating the Fire Performance of Insulated Building Panel Assemblies and Interior Finish Materials	2017
Gypsum Association			
GA	GA-253	Application of Gypsum Sheathing	2021
Home Ventilating Institute			
HVI	916	Airflow Test Procedure	18
International Association of Plumbing and Mechanical Officials			
IAPMO	CSA B45.5 IAPMO Z124	Plastic Plumbing Fixtures	22/2022
International Code Council			
ICC	ANSI 14 APSP 14 ICC 14	American National Standard for Portable Electric Spa Energy Efficiency	2019
ICC	ANSI 15 PHTA 15 ICC 15	American National Standard for Residential Swimming Pool and Spa Energy Efficiency	2021

Reference Standards

Residential Code of
New York State

ICC	ANSI 301 RESNET 301 ICC 301	Standard for the Calculation and Labeling of the Energy Performance of Low-rise Dwelling and Sleeping Units Using the Energy Rating Index—including Addendum A Approved July 28, 2022; and Addendum B Approved October 12, 2022	2022
ICC	ANSI 380 RESNET 380 ICC 380	Standard for Testing Airtightness of Building, Dwelling Unit and Sleeping Unit Enclosures; Airtightness of Heating and Cooling Air Distribution Systems and Airflow of Mechanical Ventilation Systems	2022
ICC	IBC	International Building Code®	24
ICC	ICC 400	Standard on the Design and Construction of Log Structures	2022
ICC	ICC 500	ICC/NSSA Standard for the Design and Construction of Storm Shelters	2020
ICC	ICC 600	2020 Standard for Residential Construction in High-Wind Regions	2020
ICC	ICC 900 SRCC 300	Solar Thermal System Standard	2020
ICC	ICC 901 SRCC 100	Solar Thermal Collector Standard	2020
ICC	ICC 1100	Standard for Spray-applied Polyurethane Foam Plastic Insulation	2019
ICC	ICC A117.1	Standard for Accessible and Usable Buildings and Facilities	2017
ICC	IEBC	International Existing Building Code®	24
ICC	IECC	International Energy Conservation Code®	6
ICC	IECC	International Energy Conservation Code®	24
ICC	IFC	International Fire Code®	24
ICC	IFGC	International Fuel Gas Code®	24
ICC	IMC	International Mechanical Code®	24
ICC	IPC	International Plumbing Code®	24
ICC	IPMC	International Property Maintenance Code®	24
ICC	IPSDC	International Private Sewage Disposal Code®	24
ICC	ISPSC	International Swimming Pool and Spa Code®	24
IEC Regional Centre for North America			
IEC	IEC 62746-10-1	Systems interface between customer energy management system and the power management system - Part 10-1: Open automated demand response	2018
Institute of Electrical and Electronic Engineers			
IEEE	515.1	IEEE Standard for the Testing, Design, Installation and Maintenance of Electrical Resistance Trace Heating for Commercial Applications	2012

International Organization for Standardization

ISO	8336	Fibre-cement Flat Sheets—Product Specification and Test Methods	2009
ISO	15874	Polypropylene Plastic Piping Systems for Hot and Cold Water Installations	2002

Manufacturers Standardization Society

MSS	SP-42	Corrosion Resistant Gate, Globe, Angle and Check Valves with Flanged and Butt Weld Ends (Classes 150, 300 & 600)	2022
MSS	SP-58	Pipe Hangers and Supports—Materials, Design, Manufacture, Selection, Application, and Installation	2023
MSS	SP-67	Butterfly Valves	2022
MSS	SP-70	Gray Iron Gate Valves, Flanged and Threaded Ends	2023
MSS	SP-71	Gray Iron Swing Check Valves, Flanged and Threaded Ends	2023
MSS	SP-72	Ball Valves with Flanged or Butt-Welding Ends for General Service	2023
MSS	SP-78	Cast Iron Plug Valves, Flanged and Threaded Ends	2023
MSS	SP-80	Bronze Gate, Globe, Angle and Check Valves	2019
MSS	SP-110	Ball Valves, Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends (incl. a 2010 Errata Sheet)	2023
MSS	SP-122	Plastic Industrial Ball Valves	2023
MSS	SP-139	Copper Alloy Gate, Globe, Angle, and Check Valves for Low Pressure/ Low Temperature Plumbing Applications	2022

North American Insulation Manufacturers Association

NAIMA	AH 116	Fibrous Glass Duct Construction Standards, Fifth Edition	9
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National Electrical Manufacturers Association

NEMA	OS 4	Requirements for Air-Sealed Boxes for Electrical and Communication Applications	2016
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National Fire Protection Association

NFPA	13D	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	22
NFPA	13R	Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies	22
NFPA	31	Standard for the Installation of Oil-Burning Equipment	20
NFPA	58	Liquefied Petroleum Gas Code	23
NFPA	70	National Electrical Code	23
NFPA	72	National Fire Alarm and Signaling Code	22

Reference Standards
**Residential Code of
New York State**

NFPA	85	Boiler and Combustion Systems Hazards Code	23
NFPA	211	Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances	22
NFPA	259	Standard for Test Method for Potential Heat of Building Materials	23
NFPA	275	Standard Method of Fire Tests for the Evaluation of Thermal Barriers	22
NFPA	276	Standard Method of Fire Test for Determining the Heat Release Rate of Roofing Assemblies with Combustible Above-Deck Roofing Components	23
NFPA	286	Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth	23
NFPA	501	Standard on Manufactured Housing	22
NFPA	720	Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment	15
NFPA	853	Standard for the Installation of Stationary Fuel Cell Power Systems	20
<u>National Fenestration Rating Council</u>			
NFRC	100	Procedure for Determining Fenestration Products U-Factors	2023
NFRC	200	Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence	2023
NFRC	400	Procedure for Determining Fenestration Product Air Leakage	2023
<u>National Ground Water Association</u>			
NGWA	ANSI 01 NGWA 01	Water Well Construction Standard	14
<u>National Sanitation Foundation</u>			
NSF	NSF/ANSI 14	Plastics Piping System Components and Related Materials	2020
NSF	NSF/ANSI 41	Non-liquid Saturated Treatment Systems	2018
NSF	NSF/ANSI 42	Drinking Water Treatment Units—Aesthetic Effects	2021
NSF	NSF/ANSI 44	Residential Cation Exchange Water Softeners	2018
NSF	NSF/ANSI 53	Drinking Water Treatment Units—Health Effects	2020
NSF	NSF/ANSI 58	Reverse Osmosis Drinking Water Treatment Systems	2020
NSF	NSF/ANSI 61	Drinking Water System Components—Health Effects	2020
NSF	NSF/ANSI 62	Drinking Water Distillation Systems	2021
NSF	NSF/ANSI 350	Onsite Residential and Commercial Water Reuse Treatment Systems	2020
NSF	NSF/ANSI 358-1	Polyethylene Pipe and Fittings for Water-Based Ground-Source “Geothermal” Heat Pump Systems	2021

Reference Standards

Residential Code of
New York State

NSF	NSF/ANSI 358-2	Polypropylene Pipe and Fittings for Water-Based Ground-Source “Geothermal” Heat Pump Systems	2017
NSF	NSF/ANSI 358-3	Cross-linked Polyethylene (PEX) Pipe and Fittings for Water-Based Ground-Source “Geothermal” Heat Pump Systems	2021
NSF	NSF/ANSI 358-4	Polyethylene of Raised Temperature (PE-RT) Tubing and Fittings for Water-Based Ground-Source (Geothermal) Heat Pump Systems	2018
NSF	NSF/ANSI 359	Valves for Crosslinked Polyethylene (PEX) Water Distribution Tubing Systems	2018
NSF	NSF/ANSI 372	Drinking Water Systems Components—Lead Content	2020
NSF	NSF/ANSI/CAN 50	Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities	2020
OpenADR Alliance			
OpenADR	OpenADR 2.0a and 2.0b	Profile Specification Distributed Energy Resources	2019
Portland Cement Association			
PCA	100	Prescriptive Design of Exterior Concrete Walls for One- and Two-family Dwellings (Pub. No. PCA 100.3)	17
Pool and Hot Tub Alliance			
PHTA	ANSI 15 PHTA 15 ICC 15	American National Standard for Residential Swimming Pool and Spa Energy Efficiency	2021
PHTA	ANSI 14 APSP 14 ICC 14	American National Standard for Portable Electric Spa Energy Efficiency	2019
Post-Tensioning Institute			
PTI	PTIDC10.5	Standard Requirements for Design and Analysis of Shallow Concrete Foundations on Expansive and Stable Soils	19
Residential Energy Services Network			
RESNET	ANSI 301 RESNET 301 ICC 301	Standard for the Calculation and Labeling of the Energy Performance of Dwelling and Sleeping Units using an Energy Rating Index--includes Addendum A Approved July 28, 2022; and Addendum B Approved October 12, 2022	2022

RESNET	ANSI 380 RESNET 380 ICC 380	Standard for Testing Airtightness of Building, Dwelling Unit, and Sleeping Unit Enclosures; Airtightness of Heating and Cooling Air Distribution Systems; and Airflow of Mechanical Ventilation Systems	2022
Structural Building Components Association			
SBCA	ANSI FS100 SBCA FS100	Standard Requirements for Wind Pressure Resistance of Foam Plastic Insulation Sheathing Used in Exterior Wall Covering Assemblies	2012
SBCA	BCSI	Building Component Safety Information—Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses	2018
SBCA	CFS-BCSI	Cold-formed Steel Building Component Safety Information (CFSBCSI)—Guide to Good Practice for Handling, Installing & Bracing of Cold-formed Steel Trusses	updated June 2016
Sheet Metal and Air Conditioning Contractors' National Assoc.			
SMACNA	ANSI 4th Edition SMACNA 4th Edition	2020: HVAC Duct Construction Standards—Metal and Flexible, (ANSI/SMACNA 006—2020)	2020
SMACNA	SMACNA	Fibrous Glass Duct Construction Standards, 8th edition	2021
The Masonry Society			
TMS	402	Building Code Requirements for Masonry Structures	2022
TMS	403	Direct Design Handbook for Masonry Structures	2017
TMS	404	Standard for the Design of Architectural Cast Stone	2023
TMS	602	Specification for Masonry Structures	2022
Truss Plate Institute			
TPI	ANSI 1 TPI 1	National Design Standard for Metal Plate Connected Wood Truss Construction	2022
Underwriters Laboratories			
UL	17	Vent or Chimney Connector Dampers for Oil-Fired Appliances—with Revisions through September 2013	2008
UL	55A	Materials for Built-Up Roof Coverings	2004
UL	58	Steel Underground Tanks for Flammable and Combustible Liquids	2018
UL	80	Steel Tanks for Oil-Burner Fuel—with Revisions through April 2019	2007
UL	103	Factory-built Chimneys for Residential Type and Building Heating Appliances—with Revisions through September 2021	2010
UL	127	Factory-Built Fireplaces—with Revisions through February 2020	2011

Reference Standards

Residential Code of
New York State

UL	174	Household Electric Storage Tank Water Heaters—with Revisions through October 2021	2004
UL	180	Liquid-Level Indicating Gauges for Oil Burner Fuels and Other Combustible Liquids—with Revisions through August 2021	2019
UL	181	Factory-Made Air Ducts and Air Connectors	2013
UL	181A	Closure Systems for Use with Rigid Air Ducts and Air Connectors—with Revisions through March 2017	2013
UL	181B	Closure Systems for Use with Flexible Air Ducts and Air Connectors—with Revisions through March 2017	2013
UL	217	Smoke Alarms—with Revisions through April 2021	2015
UL	263	Fire Test of Building Construction and Materials—with Revisions through August 2021	2011
UL	268	Smoke Detectors for Fire Alarm Systems—with Revisions through October 2019	2016
UL	325	Door, Drapery, Gate, Louver and Window Operators and Systems—with Revisions through February 2020	2017
UL	343	Pumps for Oil-Burning Appliances—with Revisions through December 2017	2008
UL	378	Draft Equipment—with Revisions through September 2013	2006
UL	441	Gas Vents—with Revisions through August 2019	2016
UL	467	Grounding and Bonding Equipment	2013
UL	484	Standard for Room Air Conditioners—with Revisions through May 2019	2014
UL	507	Electric Fans—with Revisions through May 2020	2017
UL	508	Industrial Control Equipment—with Revisions through July 2021	2018
UL	515	Electrical Resistance Heat Tracing for Commercial Applications	2015
UL	536	Flexible Metallic Hose	2021
UL	580	Test for Uplift Resistance of Roof Assemblies—with Revisions through March 2019	2006
UL	641	Type L Low-Temperature Venting Systems—with Revisions through April 2018	2010
UL	651	Schedule 40 and Schedule 80, Rigid PVC Conduit and Fittings—with Revisions through March 2020	2011
UL	705	Power Ventilators—with Revisions through August 2021	2017
UL	723	Standard for Test for Surface Burning Characteristics of Building Materials	2018
UL	726	Oil-Fired Boiler Assemblies—with Revisions through October 2013	1995
UL	727	Oil-Fired Central Furnaces	2018

Reference Standards
**Residential Code of
New York State**

UL	729	Oil-Fired Floor Furnaces—with Revisions through November 2016	2003
UL	730	Oil-Fired Wall Furnaces—with revisions through November 2016	2003
UL	732	Oil-Fired Storage Tank Water Heaters—with Revisions through August 2018	2018
UL	737	Fireplaces Stoves	2011
UL	790	Standard Test Methods for Fire Tests of Roof Coverings—with Revisions through October 2018	2004
UL	795	Commercial-Industrial Gas Heating Equipment—with Revisions through 2020	2016
UL	834	Heating, Water Supply, and Power Boilers—Electric—with Revisions through July 2019	2004
UL	842	Valves for Flammable Fluids	2019
UL	858	Household Electric Ranges—with Revisions through September 2019	2014
UL	875	Electric Dry-bath Heaters—with Revisions through January 2021	2009
UL	896	Oil-Burning Stoves—with Revisions through November 2016	1993
UL	907	Fireplace Accessories	2016
UL	923	Microwave Cooking Appliances—with Revisions through August 2020	2013
UL	959	Medium Heat Appliance Factory-Built Chimneys—with Revisions through August 2019	2010
UL	1026	Household Electric Cooking and Food Serving Appliances—with Revisions through March 2021	2012
UL	1040	Fire Test of Insulated Wall Construction—with Revisions through April 2017	1996
UL	1042	Electric Baseboard Heating Equipment—with Revisions through February 2021	2009
UL	1256	Fire Test of Roof Deck Construction—with Revisions through August 2018	2002
UL	1261	Electric Water Heaters for Pools and Tubs—with Revisions through September 2017	2001
UL	1479	Fire Tests of Penetration Firestops—with Revisions through May 2021	2015
UL	1482	Solid-Fuel Type Room Heaters—with Revisions through February 2020	2011
UL	1563	Electric Spas, Equipment Assemblies, and Associated Equipment—with Revisions through September 2020	2009
UL	1618	Wall Protectors, Floor Protectors, and Hearth Extensions—with Revisions through January 2018	2015
UL	1693	Electric Radiant Heating Panels and Heating Panel Sets—with Revisions through October 2011	2010
UL	1703	Flat-Plate Photovoltaic Modules and Panels—with Revisions through November 2019	2002

Reference Standards

Residential Code of
New York State

UL	1715	Fire Test of Interior Finish Material—with revisions through April 2017	1997
UL	1738	Venting Systems for Gas-Burning Appliances, Categories II, III and IV—with Revisions through August 2021	2010
UL	1741	Inverters, Converters, Controllers and Interconnection System Equipment with Distributed Energy Resources—with Revisions through June 2021	2010
UL	1777	Chimney Liners—with Revisions through April 2019	2015
UL	1897	Uplift Tests for Roof Covering Systems—with Revisions through September 2020	2015
UL	1995	Heating and Cooling Equipment—with Revisions through August 2018	2015
UL	1996	Electric Duct Heaters—with Revisions through September 2021	2009
UL	2034	Single and Multiple Station Carbon Monoxide Alarms—with Revisions through September 2018	2017
UL	2075	Gas and Vapor Detectors and Sensors—with Revisions through August 2021	2013
UL	2158A	Clothes Dryer Transition Duct—with Revisions through October 2021	2013
UL	2200	Stationary Engine Generator Assemblies	2020
UL	2523	Solid Fuel-Fired Hydronic Heating Appliances, Water Heaters and Boilers—with Revisions through March 2018	2009
UL	2703	Mounting Systems, Mounting Devices, Clamping/Retention Devices and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels—with Revisions through March 2021	2014
UL	3741	Photovoltaic Hazard Control	2020
UL	7103	Outline of Investigation for Building-Integrated Photovoltaic Roof Coverings	2019
UL	9540	Standard for Energy Storage Systems and Equipment—with Revisions through April 2021	2020
UL	61730-1	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements for Construction—with Revisions through April 2020	2017
UL	61730-2	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements for Testing—with Revisions through April 2020	2017
UL	UL 2202	Electric Vehicle (EV) Charging System—with revisions through February 2018	2009
UL	UL 2594	Standard for Electric Vehicle Supply Equipment	2016
UL	UL 60335-2-40 CSA 60335-2-40	Household and Similar Electrical Appliances—Safety—Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers	2022

<u>Underwriters Laboratories of Canada</u>			
ULC	CAN S102.2 ULC S102.2	Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies	2018
<u>United States-Federal Trade Commission</u>			
US-FTC	CFR Title 16	R-value Rule	2015
<u>Window and Door Manufacturers Association</u>			
WDMA	AAMA 101 WDMA 101 CSA 101 I.S.2 A440	North American Fenestration Standard/Specification for Windows, Doors, and Skylights	22
WDMA	I.S. 11	Industry Standard Analytical Method for Design Pressure (DP) Ratings of Fenestration Products	23
<u>World Millwork Alliance</u>			
WMA	ANSI WMA 100	Standard Method of Determining Structural Performance Ratings of Side-Hinged Exterior Door Systems and Procedures for Component Substitution	2023

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BUILDING CODE REFERENCE STANDARDS

Standard Organization	Number	Name	Version
Aluminum Association			
AA	ADM	Aluminum Design Manual	2020
AA	ASM 35	Aluminum Sheet Metal Work in Building Construction (Fourth Edition)	00
American Architectural Manufacturers Association			
AAMA	711	Specification for Self-Adhering Flashing Used for Installation of Exterior Wall Fenestration Products	22
AAMA	714	Voluntary Specification for Liquid-Applied Flashing Used to Create a Water-Resistive Seal around Exterior Wall Openings in Buildings	23
AAMA	1402	Standard Specifications for Aluminum Siding, Soffit and Fascia	09
AAMA	2502	Comparative Analysis Procedure for Window and Door Products	19
AAMA	AAMA 101 WDMA 101 CSA 101 I.S.2 A440	North American Fenestration Standard/Specification for Windows, Doors, and Skylights	22
American Concrete Institute			
ACI	117	Specification for Tolerances for Concrete Construction and Materials	10
ACI	216.1	Code Requirements for Determining Fire Resistance of Concrete and Masonry Construction Assemblies	14
ACI	318	Building Code Requirements for Structural Concrete	19
ACI	CODE-440.11	Building Code Requirements for Structural Concrete Buildings Reinforced Internally with Glass Fiber-Reinforced Polymer (GFRP) Bars	22
ACI	550.5	Code Requirements for the Design of Precast Concrete Diaphragms for Earthquake Motions	18
ACI	ITG	Specification for Tolerances for Precast Concrete	7-09
American Institute of Steel			
AISC	ANSI 341 AISC 341	Seismic Provisions for Structural Steel Buildings	22

Reference Standards

Building Code of
New York State

AISC	ANSI 358 AISC 358	Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications	22
AISC	ANSI 360 AISC 360	Specification for Structural Steel Buildings	22
AISC	ANSI 370 AISC 370	Specification for Structural Stainless Steel Buildings	21
American Iron and Steel Institute			
AISI	AISI S100 S2	North American Specification for the Design of Cold-Formed Steel Structural Members, 2016 Edition (Reaffirmed 2020), with Supplement 2, 2020 Edition	16(2020)/20
AISI	AISI S202	Code of Standard Practice for Cold-formed Steel Structural Framing, 2020 Edition	20
AISI	AISI S220	North American Standard for Cold-Formed Steel Nonstructural Framing, 2020 Edition	20
AISI	AISI S230	North American Standard for Cold-formed Steel Framing—Prescriptive Method for One and Two Family Dwellings, 2019 Edition	2019
AISI	AISI S240	North American Standard for Cold-Formed Steel Structural Framing, 2020 Edition	20
AISI	AISI 310	North American Standard for the Design of Profiled Steel Diaphragm Panels, with Supplement 1, 2022 Edition	20 w/S1-22
AISI	AISI S400	North American Standard for Seismic Design of Cold-formed Steel Structural Systems, 2020 Edition	20
Automotive Lift Institute			
ALI	ALI ALCTV	Standard for Automotive Lifts—Safety Requirements for Construction, Testing and Validation (ANSI)	2022
Air Movement and Control Association International			
AMCA	ANSI 540 AMCA 540	Test Method for Louvers Impacted by Wind Borne Debris	23
American National Standards Institute			
ANSI	A13.1	Scheme for the Identification of Piping Systems	2020
ANSI	A108.1A	Installation of Ceramic Tile in the Wet-set Method, with Portland Cement Mortar	17
ANSI	A108.1B	Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-set or Latex-Portland Cement	17

Reference Standards

Building Code of
New York State

ANSI	A108.4	Installation of Ceramic Tile with Organic Adhesives or Water-cleanable Tile-setting Epoxy Adhesive	19
ANSI	A108.5	Setting of Ceramic Tile with Dry-Set Cement Mortar, Modified Dry-Set Cement Mortar, EGP (Exterior Glue Plywood) Modified Dry-Set Cement Mortar, or Improved Modified Dry-Set Cement Mortar	21
ANSI	A108.6	Installation of Ceramic Tile with Chemical Resistant, Water Cleanable Tile-Setting and -Grouting	99 (Reaffirmed 2019)
ANSI	A108.8	Installation of Ceramic Tile with Chemical-resistant Furan Resin Mortar and Grout	99 (Reaffirmed 2019)
ANSI	A108.9	Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout	99 (Reaffirmed 2019)
ANSI	A108.10	Installation of Grout in Tilework	17
ANSI	A118.1	American National Standard Specifications for Dry-Set Cement Mortar	19
ANSI	A118.3	American National Standard Specifications for Chemical-resistant, Water-cleanable Tile-setting and -grouting Epoxy and Water Cleanable Tile-setting Epoxy Adhesive	21
ANSI	A118.4	American National Standard Specifications for Modified Dry-set Cement Mortar	19
ANSI	A118.5	American National Standard Specifications for Chemical Resistant Furan Mortars and Grouts for Tile Installation	99 (Reaffirmed 2021)
ANSI	A118.6	American National Standard Specifications for Standard Cement Grouts for Tile Installation	19
ANSI	A118.8	American National Standard Specifications for Modified Epoxy Emulsion Mortar/Grout	99
ANSI	A136.1	American National Standard Specifications for Organic Adhesives for Installation of Ceramic Tile	20
ANSI	A137.1	American National Standard Specifications for Ceramic Tile	22
ANSI	A137.3	American National Standard Specification for Gauged Porcelain Tile and Gauged Porcelain Tile Panels/Slabs	22
ANSI	E1.21	Entertainment Technology—Temporary Structures Used for Technical Production of Outdoor Entertainment Events	2020
ANSI	ES1.7	Event Safety Requirements - Weather Preparedness	2021
ANSI	Z 97.1	Safety Glazing Materials Used in Buildings—Safety Performance Specifications and Methods of Test	2015 (Reaffirmed 2020)

American Plywood Association			
APA	ANSI 117	Standard Specification for Structural Glued Laminated Timber of Softwood Species	2020
APA	ANSI A190.1 APA A190.1	Product Standard for Structural Glued Laminated Timber	2022
APA	ANSI PRG 320 APA PRG 320	Standard for Performance-rated Cross-laminated Timber	2019
APA	ANSI PRP 210 APA PRP 210	Standard for Performance-Rated Engineered Wood Siding	2019
APA	ANSI PRP 410 APA PRR 410	Standard for Performance-Rated Engineered Wood Rim Boards	2021
APA	APA PDS Supplement 1	Design and Fabrication of Plywood Curved Panels	23
APA	APA PDS Supplement 2	Design and Fabrication of Plywood-lumber Beams	23
APA	APA PDS Supplement 3	Design and Fabrication of Plywood Stressed-skin Panels	23
APA	APA PDS Supplement 4	Design and Fabrication of Plywood Sandwich Panels	23
APA	APA PDS Supplement 5	Design and Fabrication of All-plywood Beams	23
APA	APA PDS	Panel Design Specification	20
APA	APA R540	Builder Tips: Proper Storage and Handling of Glulam Beams	19
APA	APA S475	Glued Laminated Beam Design Tables	20
APA	APA S560	Technical Note: Field Notching and Drilling of Glued Laminated Timber Beams	20
APA	APA T300	Glulam Connection Details	23
APA	APA X440	Product Guide: Glulam	23
APA	APA X450	Glulam in Residential Building—Construction Guide	23
American Society of Agricultural and Biological Engineers			
ASABE	EP 484.3	Diaphragm Design of Metal-clad, Wood-frame Rectangular Buildings	DEC2017 (R2022)
ASABE	EP 486.3	Shallow-post and Pier Foundation Design	SEP2017 (R2021)
ASABE	EP 559.1	Design Requirements and Bending Properties for Mechanically Laminated Wood Assemblies	AUG 2010 (R2019)
American Society of Civil Engineers Structural Engineering Institute			
ASCE/SEI	7	Minimum Design Loads and Associated Criteria for Buildings and Other Structures	22
ASCE/SEI	8	Standard Specification for the Design of Cold-Formed Stainless Steel Structural Members	21

Reference Standards
**Building Code of
New York State**

ASCE/SEI	19	Structural Applications of Steel Cables for Buildings	22
ASCE/SEI	24	Flood Resistant Design and Construction	14
ASCE/SEI	29	Standard Calculation Methods for Structural Fire Protection	05
ASCE/SEI	32	Design and Construction of Frost-Protected Shallow Foundations	01
ASCE/SEI	49	Wind Tunnel Testing for Buildings and Other Structures	21
ASCE/SEI	55	Tensile Membrane Structures	22

American Society of Heating, Refrigerating and Air-Conditioning Engineers

ASHRAE	90.1	Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings	2022
ASHRAE	170	Ventilation of Health Care Facilities	2021

American Society of Mechanical Engineers

ASME	A17.1 CSA B44	Safety Code for Elevators and Escalators	2022/22
ASME	A17.7 CSA B44	Performance-based Safety Code for Elevators and Escalators	2007/07 (R2017)
ASME	A18.1	Safety Standard for Platform Lifts and Stairway Chairlifts	2023
ASME	A90.1	Safety Standard for Belt Manlifts	2020
ASME	B16.18	Cast Copper Alloy Solder Joint Pressure Fittings	2023
ASME	B16.22	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings	2023
ASME	B20.1	Safety Standard for Conveyors and Related Equipment	2024
ASME	B31.3	Process Piping	2022

American Society of Safety Professionals

ASSP	ANSI/ASSP Z359.1	The Fall Protection Code	2020
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American Society for Testing and Materials

ASTM	A6/A6M	Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes and Sheet Piling	21
ASTM	A36/A36M	Specification for Carbon Structural Steel	19
ASTM	A153/A153M	Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware	2016A
ASTM	A240/A240M	Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications	20a
ASTM	A252/A252M	Specification for Welded and Seamless Steel Pipe Piles	19
ASTM	A283/A283M	Specification for Low and Intermediate Tensile Strength Carbon Steel Plates	2018

Reference Standards
**Building Code of
New York State**

ASTM	A416/A416M	Standard Specification for Low-Relaxation, Seven-Wire Steel Strand, for Prestressed Concrete	18
ASTM	A463/A463M	Standard Specification for Steel Sheet, Aluminum-Coated, by the Hot-Dip Process	15(2020)e1
ASTM	A572/A572M	Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel	21e1
ASTM	A588/A588M	Specification for High-Strength Low-Alloy Structural Steel, up to 50 ksi (345 MPa)-Minimum Yield Point with Atmospheric Corrosion Resistance	19
ASTM	A615/A615M	Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement	20
ASTM	A641/A641M	Specification for Zinc-coated (Galvanized) Carbon Steel Wire	19
ASTM	A653/A653M	Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process	20
ASTM	A690/A690M	Standard Specification for High-Strength Low-Alloy Nickel, Copper, Phosphorus Steel H-Piles and Sheet Piling with Atmospheric Corrosion Resistance for Use in Marine Environments	13a(2018)
ASTM	A706/A706M	Standard Specification for Deformed and Plain Low-Alloy Steel Bars for Concrete Reinforcement	2016
ASTM	A722/A722M	Specification for High-Strength Steel Bars for Prestressed Concrete	2018
ASTM	A755/A755M	Specification for Steel Sheet, Metallic Coated by the Hot-Dip Process and Prepainted by the Coil-Coating Process for Exterior Exposed Building Products	18
ASTM	A792/A792M	Specification for Steel Sheet, 55% Aluminum-Zinc Alloy-Coated by the Hot-Dip Process	21a
ASTM	A875/A875M	Standard Specification for Steel Sheet, Zinc-5%, Aluminum Alloy-Coated by the Hot-Dip Process	21
ASTM	A924/A924M	Standard Specification for General Requirements for Steel Sheet, Metallic-coated by the Hot-Dip Process	20
ASTM	B42	Specification for Seamless Copper Pipe, Standard Sizes	20
ASTM	B43	Specification for Seamless Red Brass Pipe, Standard Sizes	20
ASTM	B68/B68M	Standard Specification for Seamless Copper Tube, Bright Annealed	19
ASTM	B88	Specification for Seamless Copper Water Tube	20
ASTM	B101	Specification for Lead-Coated Copper Sheet and Strip for Building Construction	12(2019)
ASTM	B209	Standard Specification for Aluminum and Aluminum-Alloy Steel and Plate	21

Reference Standards
**Building Code of
New York State**

ASTM	B251/B251M	Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube	2017
ASTM	B280	Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service	20
ASTM	B370	Specification for Copper Sheet and Strip for Building Construction	12(2019)
ASTM	B695	Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel	2021
ASTM	C5	Specification for Quicklime for Structural Purposes	2018
ASTM	C22/C22M	Specification for Gypsum	00(2021)
ASTM	C27	Specification for Standard Classification of Fireclay and High-Alumina Refractory Brick	1998(2018)
ASTM	C28/C28M	Specification for Gypsum Plasters	10(2020)
ASTM	C31/C31M	Practice for Making and Curing Concrete Test Specimens in the Field	21a
ASTM	C33/C33M	Specification for Concrete Aggregates	2018
ASTM	C35/C35M	Standard Specification for Inorganic Aggregates for Use in Gypsum Plaster	01(2019)
ASTM	C55	Specification for Concrete Building Brick	2017
ASTM	C59/C59M	Specification for Gypsum Casting Plaster and Molding Plaster	00(2020)
ASTM	C61/C61M	Specification for Gypsum Keene's Cement	00(2020)
ASTM	C62	Standard Specification for Building Brick (Solid Masonry Units Made from Clay or Shale)	2017
ASTM	C67/C67M	Test Methods of Sampling and Testing Brick and Structural Clay Tile	21
ASTM	C73	Specification for Calcium Silicate Brick (Sand-Lime Brick)	2017
ASTM	C90	Specification for Loadbearing Concrete Masonry Units	2021
ASTM	C91/C91M	Specification for Masonry Cement	2018
ASTM	C94/C94M	Specification for Ready-Mixed Concrete	21b
ASTM	C140/C140M	Test Method Sampling and Testing Concrete Masonry Units and Related Units	22a
ASTM	C141/C141M	Standard Specification for Hydrated Hydraulic Lime for Structural Purposes	14
ASTM	C150/C150M	Specification for Portland Cement	21
ASTM	C172/C172M	Practice for Sampling Freshly Mixed Concrete	2017
ASTM	C199	Test Method for Pier Test for Refractory Mortars	1984(2016)
ASTM	C206	Specification for Finishing Hydrated Lime	14
ASTM	C208	Specification for Cellulosic Fiber Insulating Board	2022
ASTM	C216	Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale)	21
ASTM	C270	Specification for Mortar for Unit Masonry	19ae1
ASTM	C315	Specification for Clay Flue Liners and Chimney Pots	2007(2021)

Reference Standards
**Building Code of
New York State**

ASTM	C317/C317M	Specification for Gypsum Concrete	2000(2019)
ASTM	C330/C330M	Specification for Lightweight Aggregates for Structural Concrete	2017A
ASTM	C331/C331M	Specification for Lightweight Aggregates for Concrete Masonry Units	2017
ASTM	C406/C406M	Specification for Roofing Slate	15
ASTM	C472	Standard Test Methods for Physical Testing of Gypsum, Gypsum Plasters and Gypsum Concrete	20
ASTM	C473	Standard Test Methods for Physical Testing of Gypsum Panel Products	2019
ASTM	C474	Standard Test Methods for Joint Treatment Materials for Gypsum Board Construction	15(2020)
ASTM	C475/C475M	Specification for Joint Compound and Joint Tape for Finishing Gypsum Board	2017
ASTM	C514	Standard Specification for Nails for the Application of Gypsum Board	04(2020)
ASTM	C516	Specifications for Vermiculite Loose Fill Thermal Insulation	19
ASTM	C547	Specification for Mineral Fiber Pipe Insulation	19
ASTM	C549	Specification for Perlite Loose Fill Insulation	18
ASTM	C552	Standard Specification for Cellular Glass Thermal Insulation	22
ASTM	C557	Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing	2003(2017)
ASTM	C578	Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation	19
ASTM	C587	Specification for Gypsum Veneer Plaster	2004(2018)
ASTM	C595/C595M	Specification for Blended Hydraulic Cements	21
ASTM	C631	Standard Specification for Bonding Compounds for Interior Gypsum Plastering	2020
ASTM	C635/C635M	Specification for the Manufacture, Performance and Testing of Metal Suspension Systems for Acoustical Tile and Lay-In Panel Ceilings	2017
ASTM	C636/C636M	Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels	19
ASTM	C652	Specification for Hollow Brick (Hollow Masonry Units Made from Clay or Shale)	21
ASTM	C726	Standard Specification for Mineral Wool Roof Insulation Board	2017
ASTM	C728	Standard Specification for Perlite Thermal Insulation Board	2017A
ASTM	C744	Specification for Prefaced Concrete and Calcium Silicate Masonry Units	2016
ASTM	C754	Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products	20
ASTM	C836/C836M	Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course	2018(2022)

Reference Standards
**Building Code of
New York State**

ASTM	C840	Specification for Application and Finishing of Gypsum Board	20
ASTM	C841	Standard Specification for Installation of Interior Lathing and Furring	2003(2018)
ASTM	C842	Standard Specification for Application of Interior Gypsum Plaster	05(2021)
ASTM	C843	Specification for Application of Gypsum Veneer Plaster	2017
ASTM	C844	Specification for Application of Gypsum Base to Receive Gypsum Veneer Plaster	2015(2021)
ASTM	C847	Specification for Metal Lath	2018
ASTM	C887	Specification for Packaged, Dry Combined Materials for Surface Bonding Mortar	20
ASTM	C897	Specification for Aggregate for Job-Mixed Portland Cement-Based Plasters	15(2020)
ASTM	C920	Standard for Specification for Elastomeric Joint Sealants	2018
ASTM	C926	Specification for Application of Portland Cement-Based Plaster	2021
ASTM	C932	Specification for Surface-Applied Bonding Compounds for Exterior Plastering	06(2019)
ASTM	C933	Specification for Welded Wire Lath	2018
ASTM	C946	Standard Practice for Construction of Dry-Stacked, Surface-Bonded Walls	2018
ASTM	C954	Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 inch (0.84 mm) to 0.112 inch (2.84 mm) in Thickness	2018
ASTM	C956	Specification for Installation of Cast-In-Place Reinforced Gypsum Concrete	04(2019)
ASTM	C957/C957M	Specification for High-Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane with Integral Wearing Surface	2017
ASTM	C1002	Specification for Steel Self-Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs	20
ASTM	C1007	Specification for Installation of Load Bearing (Transverse and Axial) Steel Studs and Related Accessories	20
ASTM	C1029	Specification for Spray-Applied Rigid Cellular Polyurethane Thermal Insulation	20
ASTM	C1032	Specification for Woven Wire Plaster Base	2018
ASTM	C1047	Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base	19
ASTM	C1063	Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-based Plaster	21
ASTM	C1088	Specification for Thin Veneer Brick Units Made from Clay or Shale	20
ASTM	C1157/C1157M	Standard Performance Specification for Hydraulic Cement	20a
ASTM	C1167	Specification for Clay Roof Tiles	2011(2017)

Reference Standards

Building Code of
New York State

ASTM	C1177/C1177M	Specification for Glass Mat Gypsum Substrate for Use as Sheathing	2017
ASTM	C1178/C1178M	Specification for Glass Mat Water-Resistant Gypsum Backing Panel	2018
ASTM	C1186	Specification for Flat Fiber Cement Sheets	2008(2016)
ASTM	C1261	Specification for Firebox Brick for Residential Fireplaces	2013(2017)E1
ASTM	C1278/C1278M	Specification for Fiber-Reinforced Gypsum Panels	2017
ASTM	C1280	Specification for Application of Exterior Gypsum Panel Products for Use as Sheathing	18
ASTM	C1283	Practice for Installing Clay Flue Lining	2015(2021)
ASTM	C1288	Standard Specification for Fiber-Cement Interior Substrate Sheets	2017
ASTM	C1289	Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board	22
ASTM	C1313/C1313M	Standard Specification for Sheet Radiant Barriers for Building Construction Applications	13(2019)
ASTM	C1325	Standard Specification for Fiber-Mat Reinforced Cementitious Backer Units	21
ASTM	C1328/C1328M	Specification for Plastic (Stucco Cement)	19
ASTM	C1372	Standard Specification for Dry-Cast Segmental Retaining Wall Units	17
ASTM	C1396/C1396M	Specification for Gypsum Board	2017
ASTM	C1492	Standard Specification for Concrete Roof Tile	2003(2016)
ASTM	C1568	Standard Test Method for Wind Resistance of Concrete and Clay Roof Tiles (Mechanical Uplift Resistance)	08(2020)
ASTM	C1569	Standard Test Method for Wind Resistance of Concrete and Clay Roof Tiles (Wind Tunnel Method)	03(2016)
ASTM	C1570	Standard Test Method for Wind Resistance of Concrete and Clay Roof Tiles (Air Permeability Method)	03(2016)
ASTM	C1600/C1600M	Standard Specification for Rapid Hardening Hydraulic Cement	19
ASTM	C1629/C1629M	Standard Classification for Abuse-Resistant Nondecorated Interior Gypsum Panel Products and Fiber-Reinforced Cement Panels	19
ASTM	C1658/C1658M	Standard Specification for Glass Mat Gypsum Panels	19e1
ASTM	C1707	Standard Specification for Pozzolanic Hydraulic Lime for Structural Purposes	18
ASTM	C1766	Standard Specification for Factory-Laminated Gypsum Panel Products	2015(2019)
ASTM	C1788	Standard Specification for Non Metallic Plaster Bases (Lath) Used with Portland Cement Based Plaster in Vertical Wall Applications	20
ASTM	C1902	Standard Specification for Cellular Glass Insulation Used in Building and Roof Applications	20
ASTM	D25	Specification for Round Timber Piles	2012(2017)

Reference Standards

Building Code of
New York State

ASTM	D41/D41M	Specification for Asphalt Primer Used in Roofing, Dampproofing and Waterproofing	2011(2016)
ASTM	D43/D43M	Specification for Coal Tar Primer Used in Roofing, Dampproofing and Waterproofing	2000(2018)
ASTM	D56	Test Method for Flash Point by Tag Closed Cup Tester	21a
ASTM	D86	Test Method for Distillation of Petroleum Products and Liquid Fuels at Atmospheric Pressure	20b
ASTM	D92	Test Method for Flash and Fire Points by Cleveland Open Cup Tester	2018
ASTM	D93	Test Methods for Flash Point by Pensky-Martens Closed Cup Tester	20
ASTM	D226/D226M	Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing	2017
ASTM	D227/D227M	Specification for Coal-Tar-Saturated Organic Felt Used in Roofing and Waterproofing	2003(2018)
ASTM	D312/D312M	Specification for Asphalt Used in Roofing	2016a
ASTM	D448	Standard Classification for Sizes of Aggregate for Road and Bridge Construction	2012(2017)
ASTM	D450/D450M	Specification for Coal-Tar Pitch Used in Roofing, Dampproofing and Waterproofing	2017(2018)
ASTM	D635	Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position	18
ASTM	D1143/D1143M	Standard Test Methods for Deep Foundation Elements Under Static Axial Compressive Load	20
ASTM	D1227	Specification for Emulsified Asphalt Used as a Protective Coating for Roofing	13(2019)e1
ASTM	D1557	Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort [56,000 ft-lbf/ft ³ (2,700 kNm/m ³)]	12(2021)
ASTM	D1863/D1863M	Specification for Mineral Aggregate Used on Built-up Roofs	2005(2018)
ASTM	D1929	Standard Test Method for Determining Ignition Temperature of Plastics	20
ASTM	D1970/D1970M	Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roof Underlayment for Ice Dam Protection	21
ASTM	D2178/D2178M	Specification for Asphalt Glass Felt Used in Roofing and Waterproofing	15A(2021)
ASTM	D2487	Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)	17e1
ASTM	D2626/D2626M	Specification for Asphalt Saturated and Coated Organic Felt Base Sheet Used in Roofing	04(2020)
ASTM	D2737	Standard Specification for Polyethylene (PE) Plastic Tubing	21

Reference Standards
**Building Code of
New York State**

ASTM	D2822/D2822M	Specification for Asphalt Roof Cement, Asbestos Containing	2005(2011)e1
ASTM	D2823/D2823M	Specification for Asphalt Roof Coatings, Asbestos Containing	05(2011)e1
ASTM	D2824/D2824M	Standard Specification for Aluminum-pigmented Asphalt Roof Coatings, Nonfibered and Fibered without Asbestos	2018
ASTM	D2843	Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics	22
ASTM	D2859	Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials	2016
ASTM	D2898	Standard Practice for Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing	2010(2017)
ASTM	D3019/D3019M	Specification for Lap Cement Used with Asphalt Roll Roofing, Nonfibered, Asbestos Fibered and Nonasbestos Fibered	2017
ASTM	D3161/D3161M	Test Method for Wind Resistance of Steep Slope Roofing Products (Fan Induced Method)	20
ASTM	D3200	Standard Specification and Test Method for Establishing Recommended Design Stresses for Round Timber Construction Poles	1974(2017)
ASTM	D3201/D3201M	Test Method for Hygroscopic Properties of Fire-Retardant Wood and Wood-Base Products	20
ASTM	D3278	Test Methods for Flash Point of Liquids by Small Scale Closed-Cup Apparatus	21
ASTM	D3462/D3462M	Specification for Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules	19
ASTM	D3468/D3468M	Specification for Liquid-Applied Neoprene and Chlorosulfonated Polyethylene Used in Roofing and Waterproofing	99(2020)
ASTM	D3498	Standard Specification for Adhesives for Field-Gluing Wood Structural Panels (Plywood or Oriented Strand Board) to Wood Based Floor System Framing	19a
ASTM	D3679	Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding	21
ASTM	D3689/D3689M	Test Methods for Deep Foundations under Static Axial Tensile Load	2022
ASTM	D3737	Practice for Establishing Allowable Properties for Structural Glued Laminated Timber (Glulam)	2018E1
ASTM	D3746/D3746M	Test Method for Impact Resistance of Bituminous Roofing Systems	1985(2015)E1
ASTM	D3747	Specification for Emulsified Asphalt Adhesive for Adhering Roof Insulation	79(2007)
ASTM	D3909/D3909M	Standard Specification for Asphalt Roll Roofing (Glass Felt) Surfaced with Mineral Granules	14(2021)

Reference Standards
**Building Code of
New York State**

ASTM	D3957	Standard Practices for Establishing Stress Grades for Structural Members Used in Log Buildings	2009(2020)
ASTM	D4022/D4022M	Specification for Coal Tar Roof Cement, Asbestos Containing	07(2012)e1
ASTM	D4272	Test Method for Total Energy Impact of Plastic Films by Dart Drop	15
ASTM	D4318	Test Methods for Liquid Limit, Plastic Limit and Plasticity Index of Soils	2017E1
ASTM	D4434/D4434M	Specification for Poly (Vinyl Chloride) Sheet Roofing	21
ASTM	D4479/D4479M	Specification for Asphalt Roof Coatings—Asbestos-Free	2007(2018)
ASTM	D4586/D4586M	Specification for Asphalt Roof Cement—Asbestos-Free	2007(2018)
ASTM	D4601/D4601M	Specification for Asphalt-Coated Glass Fiber Base Sheet Used in Roofing	04(2020)
ASTM	D4637/D4637M	Specification for EPDM Sheet Used in Single-Ply Roof Membrane	2015(2021)
ASTM	D4829	Test Method for Expansion Index of Soils	21
ASTM	D4869/D4869M	Specification for Asphalt-Saturated (Organic Felt) Underlayment Used in Steep Slope Roofing	2016A(2021)
ASTM	D4897/D4897M	Specification for Asphalt-Coated Glass Fiber Venting Base Sheet Used in Roofing	2016
ASTM	D4945	Test Method for High-Strain Dynamic Testing of Deep Foundations	2017
ASTM	D4990	Specification for Coal Tar Glass Felt Used in Roofing and Waterproofing	97a(2020)
ASTM	D5019	Specification for Reinforced Nonvulcanized Polymeric Sheet Used in Roofing Membrane	07a(2013)
ASTM	D5055	Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-Joists	19e1
ASTM	D5456	Standard Specification for Evaluation of Structural Composite Lumber Products	21e1
ASTM	D5516	Test Method of Evaluating the Flexural Properties of Fire-Retardant Treated Softwood Plywood Exposed to Elevated Temperatures	2018
ASTM	D5643/D5643M	Specification for Coal Tar Roof Cement, Asbestos-Free	2006(2018)
ASTM	D5664	Test Methods for Evaluating the Effects of Fire-Retardant Treatments and Elevated Temperatures on Strength Properties of Fire-Retardant-Treated Lumber	2017
ASTM	D5665/D5665M	Specification for Thermoplastic Fabrics Used in Cold-Applied Roofing and Waterproofing	99a(2021)
ASTM	D5726	Specification for Thermoplastic Fabrics Used in Hot-Applied Roofing and Waterproofing	98(2020)
ASTM	D5878	Standard Guides for Using Rock-Mass Classification Systems for Engineering Purposes	19

Reference Standards
**Building Code of
New York State**

ASTM	D5882	Standard Test Method for Low Strain Impact Integrity Testing of Deep Foundations	16
ASTM	D6083/D6083M	Specification for Liquid Applied Acrylic Coating Used in Roofing	21
ASTM	D6162/D6162M	Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements	2016
ASTM	D6163/D6163M	Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements	2016
ASTM	D6164/D6164M	Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Polyester Reinforcements	2016
ASTM	D6222/D6222M	Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using Polyester Reinforcements	2016
ASTM	D6223/D6223M	Specification for Atactic Polypropylene (APP) Modified Bituminous Sheet Materials Using a Combination of Polyester and Glass Fiber Reinforcements	2016
ASTM	D6298	Specification for Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Bituminous Sheets with a Factory Applied Metal Surface	2016
ASTM	D6305	Practice for Calculating Bending Strength Design Adjustment Factors for Fire-Retardant-Treated Plywood Roof Sheathing	21
ASTM	D6380/D6380M	Standard Specification for Asphalt Roll Roofing (Organic Felt)	2003(2018)
ASTM	D6464	Standard Specification for Expandable Foam Adhesives for Fastening Gypsum Wallboard to Wood Framing	2003A (2017)
ASTM	D6509/D6509M	Standard Specification for Atactic Polypropylene (APP) Modified Bituminous Base Sheet Materials Using Glass Fiber Reinforcements	2016
ASTM	D6694/D6694M	Standard Specification for Liquid-Applied Silicone Coating Used in Spray Polyurethane Foam Roofing Systems	08(2013)E1
ASTM	D6754/D6754M	Standard Specification for Ketone Ethylene Ester Based Sheet Roofing	2015
ASTM	D6757/D6757M	Specification for Underlayment Felt Containing Inorganic Fibers Used in Steep Slope Roofing	2018
ASTM	D6760	Standard Test Method for Integrity Testing of Concrete Deep Foundations by Ultrasonic Crosshole Testing	16
ASTM	D6841	Standard Practice for Calculating Design Value Treatment Adjustment Factors for Fire-Retardant-Treated Lumber	21
ASTM	D6878/D6878M	Standard Specification for Thermoplastic Polyolefin Based Sheet Roofing	2021
ASTM	D6913/D6913M	Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	17

Reference Standards
**Building Code of
New York State**

ASTM	D6947/D6947M	Standard Specification for Liquid Applied Moisture Cured Polyurethane Coating Used in Spray Polyurethane Foam Roofing System	2016
ASTM	D7032	Standard Specification for Establishing Performance Ratings for Wood-Plastic Composite and Plastic Lumber Deck Boards, Stair Treads, Guards and Handrails	2021
ASTM	D7147	Specification for Testing and Establishing Allowable Loads of Joist Hangers	21
ASTM	D7158/D7158M	Standard Test Method for Wind Resistance of Asphalt Shingles (Uplift Force/Uplift Resistance Method)	20
ASTM	D7254	Standard Specification for Polypropylene (PP) Siding	2021
ASTM	D7425/D7425M	Standard Specification for Spray Polyurethane Foam Used for Roofing Applications	13(2019)
ASTM	D7655/D7655M	Standard Classification for Size of Aggregate Used as Ballast for Roof Membrane Systems	2012(2017)
ASTM	D7672	Standard Specification for Evaluating Structural Capacities of Rim Board Products and Assemblies	19
ASTM	D7793	Standard Specification for Insulated Vinyl Siding	20
ASTM	D7949	Standard Test Methods for Thermal Integrity Profiling of Concrete Deep Foundations	14
ASTM	D7957/D7957M	Standard Specification for Solid Round Glass Fiber Reinforced Polymer Bars for Concrete Reinforcement	17
ASTM	D8223	Standard Practice for Evaluation of Fire-Retardant Treated Laminated Veneer Lumber	19
ASTM	D8257/D8257M	Standard Specification for Mechanically Attached Polymeric Roof Underlayment Used in Steep Slope Roofing	20
ASTM	E84	Standard Test Methods for Surface Burning Characteristics of Building Materials	21a
ASTM	E90	Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements	2009(2016)
ASTM	E96/E96M	Standard Test Methods for Gravimetric Determination of Water Vapor Transmission Rate of Materials	21
ASTM	E108	Standard Test Methods for Fire Tests of Roof Coverings	20a
ASTM	E119	Standard Test Methods for Fire Tests of Building Construction and Materials	20
ASTM	E136	Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750 Degrees C	2022

Reference Standards

Building Code of
New York State

ASTM	E283/E283M	Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen	19
ASTM	E330/E330M	Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference	14(2021)
ASTM	E331	Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors and Curtain Walls by Uniform Static Air Pressure Difference	2000(2016)
ASTM	E336	Standard Test Method for Measurement of Airborne Sound Attenuation between Rooms in Buildings	20
ASTM	E492	Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tapping Machine	2009(2016)E1
ASTM	E605/E605M	Test Method for Thickness and Density of Sprayed Fire-Resistive Material (SFRM) Applied to Structural Members	19
ASTM	E648	Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source	2017A
ASTM	E681	Test Methods for Concentration Limits of Flammability of Chemical Vapors and Gases	09(2015)
ASTM	E736/E736M	Test Method for Cohesion/Adhesion of Sprayed Fire-Resistive Materials Applied to Structural Members	19
ASTM	E814	Standard Test Method for Fire Tests of Penetration Firestop Systems	2013A (2017)
ASTM	E970	Standard Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source	2017
ASTM	E1007	Standard Test Method for Field Measurement of Tapping Machine Impact Sound Transmission through Floor-Ceiling Assemblies and Associated Support Structures	21
ASTM	E1300	Practice for Determining Load Resistance of Glass in Buildings	2016
ASTM	E1354	Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter	2017
ASTM	E1592	Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference	2005(2017)
ASTM	E1602	Guide for Construction of Solid Fuel Burning Masonry Heaters	2003(2017)
ASTM	E1886	Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials	19
ASTM	E1966	Standard Test Method for Fire-Resistive Joint Systems	15(2019)

Reference Standards
**Building Code of
New York State**

ASTM	E1996	Specification for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricanes	20
ASTM	E2072	Standard Specification for Photoluminescent (Phosphorescent) Safety Markings	14
ASTM	E2174	Standard Practice for On-site Inspection of Installed Fire Stops	20a
ASTM	E2178	Standard Test Method for Determining Air Leakage Rate and Calculation of Air Permeance of Building Materials	21a
ASTM	E2273	Standard Test Method for Determining the Drainage Efficiency of Exterior Insulation and Finish Systems (EIFS) Clad Wall Assemblies	2018
ASTM	E2307	Standard Test Method for Determining Fire Resistance of Perimeter Fire Barriers Using the Intermediate-Scale, Multistory Test Apparatus	20
ASTM	E2353	Standard Test Methods for Performance of Glazing in Permanent Railing Systems, Guards and Balustrades	21
ASTM	E2392 / E2392M	Standard Guide for Design of Earthen Wall Building Systems	10(2016)
ASTM	E2393	Standard Practice for On-Site Inspection of Installed Fire Resistive Joint Systems and Perimeter Fire Barriers	20a
ASTM	E2404	Standard Practice for Specimen Preparation and Mounting of Textile, Paper or Polymeric (Including Vinyl) and Wood Wall or Ceiling Coverings, Facing and Veneers to Assess Surface Burning Characteristics	17
ASTM	E2556/E2556M	Standard Specification for Vapor Permeable Flexible Sheet Water-resistive Barriers Intended for Mechanical Attachment	2010(2016)
ASTM	E2568	Standard Specification for PB Exterior Insulation and Finish Systems	2017A
ASTM	E2570/E2570M	Standard Test Methods for Evaluating Water-Resistive Barrier (WRB) Coatings Used under Exterior Insulation and Finish Systems (EIFS) or EIFS with Drainage	07(2019)
ASTM	E2573	Standard Practice for Specimen Preparation and Mounting of Site-fabricated Stretch Systems to Assess Surface Burning Characteristics	19
ASTM	E2579	Standard Practice for Specimen Preparation and Mounting of Wood Products to Assess Surface Burning Characteristics	21
ASTM	E2599	Standard Practice for Specimen Preparation and Mounting of Reflective Insulation, Radiant Barrier and Vinyl Stretch Ceiling Materials for Building Applications to Assess Surface Burning Characteristics	2018
ASTM	E2634	Standard Specification for Flat Wall Insulating Concrete Form (ICF) Systems	2018
ASTM	E2652	Standard Test Method for Assessing Combustibility of Materials Using a Tube Furnace with a Cone-shaped Airflow Stabilizer, at 750oC	18

Reference Standards

Building Code of
New York State

ASTM	E2751/E2751M	Practice for Design and Performance of Supported Laminated Glass Walkways	2017A
ASTM	E2768	Standard Test Method for Extended Duration Surface Burning Characteristics of Building Materials (30 min Tunnel Test)	11(2018)
ASTM	E2837	Standard Test Method for Determining the Fire Resistance of Continuity Head-of-Wall Joint Systems Installed Between Rated Wall Assemblies and Nonrated Horizontal Assemblies	2013(2017)
ASTM	E2925	Standard Specification for Manufactured Polymeric Drainage and Ventilation Materials Used to Provide a Rainscreen Function	19a
ASTM	F547	Terminology of Nails for Use with Wood and Wood-Base Materials	2017
ASTM	F1346	Standard Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs	91(2018)
ASTM	F1667	Specification for Driven Fasteners: Nails, Spikes and Staples	21a
ASTM	F2006	Standard Safety Specification for Window Fall Prevention Devices for Non-emergency Escape (Egress) and Rescue (Ingress) Windows	21
ASTM	F2090	Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms	21
ASTM	F2200	Standard Specification for Automated Vehicular Gate Construction	2017
ASTM	G152	Practice for Operating Open Flame Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials	13
ASTM	G154	Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials	16
ASTM	G155	Practice for Operating Xenon Arc Light Apparatus for Exposure of Nonmetallic Materials	13
American Wood Council			
AWC	ANSI NDS AWC NDS	National Design Specification (NDS) for Wood Construction—with 2018 NDS Supplement	2024
AWC	ANSI PWF AWC PWF	Permanent Wood Foundation Design Specification	2021
AWC	ANSI SDPWS AWC SDPWS	Special Design Provisions for Wind and Seismic	2021
AWC	ANSI WFCM AWC WFCM	Wood Frame Construction Manual for One- and Two-Family Dwellings	2024
AWC	AWC STJR	Span Tables for Joists and Rafters	2024

AWC	AWC WCD No. 4	Wood Construction Data—Plank and Beam Framing for Residential Buildings	2003
<u>Association of the Wall and Ceiling Industry</u>			
AWCI	12-B	Technical Manual 12B, Third Edition; Standard Practice for the Testing and Inspection of Field Applied Thin Film Intumescent Fire-resistive Materials; an Annotated Guide	14
<u>American Wood Protection Association</u>			
AWPA	C1	All Timber Products—Preservative Treatment by Pressure Processes	3
AWPA	M4	Standard for the Handling, Storage, Field Fabrication and Field Treatment of Preservative-treated Wood Products	21
AWPA	U1	USE CATEGORY SYSTEM: User Specification for Treated Wood Except Commodity Specification H	23
<u>American Welding Society</u>			
AWS	D1.4 D1.4M	Structural Welding Code—Steel Reinforcing Bars	2018-AMD1
<u>Builders Hardware Manufacturers' Association</u>			
BHMA	A156.10	Power Operated Pedestrian Doors	2022
BHMA	A156.19	Power Assist and Low Energy Power Operated Doors	2019
BHMA	A156.27	Power and Manual Operated Revolving Pedestrian Doors	2019
BHMA	A156.38	Low Energy Power Operated Sliding and Folding Doors	2019
<u>European Committee for Standardization (CEN)</u>			
CEN	BS EN 15250	Slow Heat Release Appliances Fired by Solid Fuel—Requirements and Test Methods	2007
CEN	EN 1081	Resilient Floor Coverings—Determination of the Electrical Resistance	98
<u>Composite Panel Association</u>			
CPA	ANSI A135.4	Basic Hardboard	2012 (R2020)
CPA	ANSI A135.5	Prefinished Hardboard Paneling	2012 (R2020)
CPA	ANSI A135.6	Engineered Wood Siding	2012 (R2020)
CPA	ANSI A208.1	Particleboard	2016

Consumer Product Safety Commission			
CPSC	16 CFR Part 1201	Safety Standard for Architectural Glazing Material	2002
CPSC	16 CFR Part 1209	Interim Safety Standard for Cellulose Insulation	2002
CPSC	16 CFR Part 1404	Cellulose Insulation	2002
CPSC	16 CFR Part 1500	Hazardous Substances and Articles; Administration and Enforcement Regulations	2009
CPSC	16 CFR Part 1500.44	Method for Determining Extremely Flammable and Flammable Solids	2009
CPSC	16 CFR Part 1507	Fireworks Devices	2002
CPSC	16 CFR Part 1630	Standard for the Surface Flammability of Carpets and Rugs	2007
Canadian Standards Association			
CSA	AAMA 101 WDMA 101 CSA 101 I.S.2 A440	North American Fenestration Standard/Specifications for Windows, Doors, and Skylights	22
CSA	ASME A17.1 CSA B44	Safety Code for Elevators and Escalators	2022/22
CSA	ASME A17.7 CSA B44.7	Performance-based Safety Code for Elevators and Escalators	2007/ 07(R2021)
Cedar Shake and Shingle Bureau			
CSSB	CSSB	Grading and Packing Rules for Western Red Cedar Shakes and Western Red Cedar Shingles of the Cedar Shake and Shingle Bureau	97
Door and Access Systems Manufacturers Association International			
DASMA	ANSI 107 DASMA 107	Room Fire Test Standard for Garage Doors Using Foam Plastic Insulation	2020
DASMA	ANSI 108 DASMA 108	Standard Method for Testing Sectional Garage Doors, Rolling Doors and Flexible Doors: Determination of Structural Performance Under Uniform Static Air Pressure Difference	2017
DASMA	ANSI 115 DASMA 115	Standard Method for Testing Sectional Doors, Rolling Doors and Flexible Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure	2017

<u>Decorative Hardwoods Association</u>			
<u>DHA</u>	<u>ANSI HP-1</u> <u>HPVA HP-1</u>	<u>American National Standard for Hardwood and Decorative Plywood</u>	<u>2022</u>
<u>U.S. Department of Commerce</u>			
DOC	PS 1	Structural Plywood	<u>22</u>
DOC	PS 2	Performance Standard for Wood Structural Panels	<u>18</u>
DOC	PS 20	American Softwood Lumber Standard	<u>20</u>
<u>U.S. Department of Labor</u>			
DOL	29 CFR Part 1910.1000	Air Contaminants	<u>2015</u>
<u>U.S. Department of Transportation</u>			
<u>DOT</u>	<u>49 CFR 173.192</u>	<u>Packaging for Certain Toxic Gases in Hazard Zone A</u>	<u>2011</u>
DOT	49 CFR Parts 100–185	Hazardous Materials Regulations	<u>2015</u>
DOT	49 CFR Parts 173–178	Specification of Transportation of Explosive and Other Dangerous Articles, UN 0335, UN 0336 Shipping Containers	<u>2015</u>
DOT	49 CFR Parts 173.137	Shippers—General Requirements for Shipments and Packaging—Class 8—Assignment of Packing	<u>2009</u>
<u>European Committee for Standardization</u>			
	<u>EN 459-1</u>	<u>Building Lime. Definitions, Specifications and Conformity Criteria</u>	<u>15</u>
<u>Federal Emergency Management Agency</u>			
FEMA	FEMA-TB-11	Crawlspace Construction for Buildings Located in Special Flood Hazard Areas	<u>23</u>
<u>Factory Mutual</u>			
FM	4430	Approval Standard for Heat and Smoke Vents	<u>2012</u>
FM	4450	Approval Standard for Class 1 Insulated Steel Deck Roofs—with Supplements through July 1992	<u>1989</u>
FM	4470	Approval Standard for Single-ply Polymer-modified Bitumen Sheet, Built-up Roof (BUR) and Liquid Applied Roof Assemblies for Use in Class 1 and Noncombustible Roof Deck Construction	<u>2016</u>
FM	4474	American National Standard for Evaluating the Simulated Wind Uplift Resistance of Roof Assemblies Using Static Positive and/or Negative Differential Pressures	<u>2020</u>
FM	ANSI 4880 FM 4880	American National Standard for Evaluating the Fire Performance of Insulated Building Panel Assemblies and Interior Finish Materials	<u>2017</u>

Gypsum Association			
GA	GA-216	Application and Finishing of Gypsum Panel Products	2021
GA	GA-253	Application of Gypsum Sheathing	2021
GA	GA-600	Fire-resistance and Sound Control Design Manual, 23rd Edition	2021
International Code Council			
ICC	ICC 300	ICC Standard on Bleachers, Folding and Telescopic Seating, and Grandstands	2023
ICC	ICC 400	Standard on Design and Construction of Log Structures	2022
ICC	ICC 600	Standard for Residential Construction in High-Wind Regions	2020
ICC	ICC 900 SRCC 300	Solar Thermal System Standard	2020
ICC	ICC 901 SRCC 100	Solar Thermal Collector Standard	2020
ICC	ICC 1100	Standard for Spray-applied Foam Plastic Insulation	2019
ICC	ICC A117.1	Accessible and Usable Buildings and Facilities	17
ICC	ICC 500 NSSA 500	ICC/NSSA Standard for the Design and Construction of Storm Shelters	2023
ICC	IEBC	International Existing Building Code®	24
ICC	IECC	International Energy Conservation Code®	24
ICC	IFC	International Fire Code®	24
ICC	IFGC	International Fuel Gas Code®	24
ICC	IMC	International Mechanical Code®	24
ICC	IPC	International Plumbing Code®	24
ICC	IPMC	International Property Maintenance Code®	24
ICC	IPSDC	International Private Sewage Disposal Code®	24
ICC	IRC	International Residential Code®	24
ICC	ISPSC	International Swimming Pool and Spa Code®	24
ICC	IWUIC	International Wildland-Urban Interface Code®	24
ICC	SBCCI 11 SSTD 11	1997 SBCCI Test Standard for Determining Wind Resistance of Concrete or Clay Roof Tiles	97

International Organization for Standardization

ISO	ISO 668	Series 1 Freight Containers—Classifications, Dimensions and Ratings	2013
ISO	ISO 1496-1	Series 1 Freight Containers—Specification and Testing - Part 1: General Cargo Containers for General Purposes	2013
ISO	ISO 6346	Freight Containers—Coding, Identification and Marking with Amendment 3—2012	1995
ISO	ISO 8115	Cotton Bales—Dimensions and Density	86
ISO	ISO 8336	Fiber-cement Flat Sheets—Product Specification and Test Methods	09

Material Handling Institute

MHI	ANSI MH16.1	Specification for the Design, Testing and Utilization of Industrial Steel Storage Racks	2021
MHI	ANSI MH28.2	Design, Testing and Utilization of Industrial Boltless Steel Shelving	2022
MHI	ANSI MH28.3	Design, Testing and Utilization of Industrial Steel Work Platforms	2022
MHI	ANSI MH29.1	Safety Requirements—Industrial Scissor Lift	2020
MHI	ANSI MH32.1	Stairs, Ladders, and Open-Edge Guards for Use with Material Handling Structures	2018

National Association of Architectural Metal Manufacturers

NAAMM	FP 1001	Guide Specifications for Design of Metal Flag Poles	18
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National Concrete Masonry Association

NCMA	TEK 5	Detailing Concrete Masonry Fire Walls	8B(2005)
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National Fire Protection Association

NFPA	4	Standard for Integrated Fire Protection and Life Safety System Testing	24
NFPA	10	Standard for Portable Fire Extinguishers	22
NFPA	11	Standard for Low-, Medium-, and High-Expansion Foam	21
NFPA	12	Standard on Carbon Dioxide Extinguishing Systems	22
NFPA	12A	Standard on Halon 1301 Fire Extinguishing Systems	22
NFPA	13	Standard for the Installation of Sprinkler Systems	22
NFPA	13D	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	22
NFPA	13R	Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies	22
NFPA	14	Standard for the Installation of Standpipe and Hose Systems	22

Reference Standards
**Building Code of
New York State**

NFPA	17	Standard for Dry Chemical Extinguishing Systems	21
NFPA	17A	Standard for Wet Chemical Extinguishing Systems	21
NFPA	20	Standard for the Installation of Stationary Pumps for Fire Protection	22
NFPA	30	Flammable and Combustible Liquids Code	24
NFPA	30A	Code for Motor Fuel Dispensing Facilities and Repair Garages	24
NFPA	31	Standard for the Installation of Oil-Burning Equipment	20
NFPA	32	Standard for Drycleaning Facilities	21
NFPA	40	Standard for the Storage and Handling of Cellulose Nitrate Film	22
NFPA	45	Standard on Fire Protection for Laboratories Using Chemicals	23
NFPA	58	Liquefied Petroleum Gas Code	23
NFPA	61	Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities	20
NFPA	70	National Electrical Code	23
NFPA	72	National Fire Alarm and Signaling Code	22
NFPA	80	Standard for Fire Doors and Other Opening Protectives	22
NFPA	82	Standard on Incinerators and Waste and Linen Handling Systems and Equipment	19
NFPA	85	Boiler and Combustion Systems Hazards Code	23
NFPA	92	Standard for Smoke Control Systems	21
NFPA	99	Health Care Facilities Code	24
NFPA	101	Life Safety Code	24
NFPA	105	Standard for Smoke Door Assemblies and Other Opening Protectives	22
NFPA	110	Standard for Emergency and Standby Power Systems	22
NFPA	111	Standard on Stored Electrical Energy Emergency and Standby Power Systems	22
NFPA	120	Standard for Fire Prevention and Control in Coal Mines	20
NFPA	170	Standard for Fire Safety and Emergency Symbols	21
NFPA	211	Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances	22
NFPA	221	Standard for High Challenge Fire Walls, Fire Walls and Fire Barrier Walls	24
NFPA	252	Standard Methods of Fire Tests of Door Assemblies	22
NFPA	253	Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source	23
NFPA	257	Standard on Fire Test for Window and Glass Block Assemblies	22
NFPA	259	Standard Test Method for Potential Heat of Building Materials	23

Reference Standards
**Building Code of
New York State**

NFPA	265	Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile or Expanded Vinyl Wall Coverings on Full Height Panels and Walls	23
NFPA	268	Standard Test Method for Determining Ignitability of Exterior Wall Assemblies Using a Radiant Heat Energy Source	22
NFPA	275	Standard Method of Fire Tests for the Evaluation of Thermal Barriers	22
NFPA	276	Standard Method of Fire Test for Determining the Heat Release Rate of Roofing Assemblies with Combustible Above-Deck Roofing Components	23
NFPA	285	Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components	23
NFPA	286	Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth	23
NFPA	288	Standard Methods of Fire Tests of Horizontal Fire Door Assemblies Installed in Horizontal Fire Resistance-Rated Assemblies	22
NFPA	289	Standard Method of Fire Test for Individual Fuel Packages	23
NFPA	409	Standard on Aircraft Hangars	22
NFPA	418	Standard for Heliports	21
NFPA	484	Standard for Combustible Metals	22
NFPA	652	Standard on the Fundamentals of Combustible Dust	19
NFPA	654	Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids	20
NFPA	655	Standard for the Prevention of Sulfur Fires and Explosions	19
NFPA	664	Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities	20
NFPA	701	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films	23
NFPA	704	Standard System for the Identification of the Hazards of Materials for Emergency Response	22
NFPA	750	Standard on Water Mist Fire Protection Systems	23
NFPA	770	Standard on Hybrid (Water and Inert Gas) Fire-Extinguishing Systems	21
NFPA	780	Standard for the Installation of Lightning Protection Systems	20
NFPA	1124	Code for the Manufacture, Transportation, and Storage of Fireworks and Pyrotechnic Articles	22
NFPA	2001	Standard on Clean Agent Fire Extinguishing Systems	22
NFPA	2010	Standard for Fixed Aerosol Fire-Extinguishing Systems	20

Precast Prestressed Concrete Institute			
PCI	PCI 124	Specification for Fire Resistance of Precast/Prestressed Concrete	18
PCI	PCI 128	Specification for Glass-Fiber-Reinforced Concrete Panels	19
Post-Tensioning Institute			
PTI	PTI DC10.5	Standard Requirements for Design and Analysis of Shallow Post-Tensioned Concrete Foundations on Expansive and Stable Soils	19
Rack Manufacturers Institute			
RMI	ANSI MH16.1	Design, Testing and Utilization of Industrial Storage Racks	2021
RMI	ANSI MH16.3	Specification for the Design, Testing and Utilization of Industrial Steel Cantilevered Storage Racks	2021
Structural Building Components Association			
SBCA	ANSI SBCA FS 100	Standard Requirements for Wind Pressure Resistance of Foam Plastic Insulating Sheathing Used in Exterior Wall Covering Assemblies	2012 (R2018)
Steel Deck Institute			
SDI	SDI-NC	Standard for Noncomposite Steel Floor Deck	17
SDI	SDI-RD	Standard for Steel Roof Deck	17
SDI	SDI-C	Standard for Composite Steel Floor Deck Slabs	17
SDI	ANSI QA/QC SDI QA/QC	Standard for Quality Control and Quality Assurance for Installation of Steel Deck	2022
SDI	ANSI SD SDI SD	Standard for Steel Deck	2022
Steel Joist Institute			
SJI	SJI 100	Standard Specification for K-Series, LH-Series, and DLH-Series Open Web Steel Joists and for Joist Girders	2020
SJI	SJI 200	Standard Specification for CJ-Series Composite Steel Joists	2015
Single-Ply Roofing Industry			
SPRI	ANSI GT-1 SPRI GT-1	Test Standard for External Gutter Systems	R2022
SPRI	ANSI RP-4 SPRI RP-4	Wind Design Standard for Ballasted Single-ply Roofing Systems	19

Reference Standards

Building Code of
New York State

SPRI	ANSI VF-1 SPRI VF-1	External Fire Design Standard for Vegetative Roofs	17
SPRI	ANSI 4435 SPRI 4435 FM 4435 ES-1	Test Standard for Edge Systems Used with Low Slope Roofing Systems	17
<u>Solar Rating & Certification Corporation</u>			
SRCC	ICC 900 SRCC 300	Solar Thermal System Standard	2020
SRCC	ICC 901 SRCC 100	Solar Thermal Collector Standard	2020
<u>Telecommunications Industry Association</u>			
TIA	ANSI TIA 222-I	Structural Standard for Antenna Supporting Structures, Antennas and Small Wind Turbine Support Structures	2023
<u>The Masonry Society</u>			
TMS	216	Code Requirements for Determining Fire Resistance of Concrete and Masonry Construction Assemblies	2014(19)
TMS	302	Standard Method for Determining the Sound Transmission Ratings for Masonry Assemblies	2018
TMS	402	Building Code Requirements for Masonry Structures	16
TMS	402	Building Code Requirements for Masonry Structures	2022
TMS	403	Direct Design Handbook for Masonry Structures	2017
TMS	404	Standard for the Design of Architectural Cast Stone	2023
TMS	504	Standard for the Fabrication of Architectural Cast Stone	2023
TMS	602	Specification for Masonry Structures	2022
TMS	604	Standard for the Installation of Architectural Cast Stone	2023
<u>Truss Plate Institute</u>			
TPI	ANSI/TPI 1	National Design Standard for Metal Plate Connected Wood Truss Construction	2022
<u>Underwriters Laboratories</u>			
UL	9	Fire Tests of Window Assemblies—with Revisions through March 2020	2009
UL	10A	Tin Clad Fire Doors—with Revisions through July 20, 2018	2009
UL	10B	Fire Tests of Door Assemblies—with Revisions through May 2020	2008

Reference Standards
**Building Code of
New York State**

UL	10C	Positive Pressure Fire Tests of Door Assemblies—with Revisions through May 2021	2016
UL	10D	Fire Tests of Fire-Protective Curtain Assemblies	2017
UL	14B	Sliding Hardware for Standard Horizontally Mounted Tin Clad Fire Doors—with Revisions through September 2021	2008
UL	14C	Swinging Hardware for Standard Tin Clad Fire Doors Mounted Singly and in Pairs—with Revisions through October 2021	2006
UL	55A	Materials for Built-up Roof Coverings	2004
UL	96A	Standard for Installation Requirements for Lightning Protection Systems	2016
UL	103	Factory-built Chimneys, for Residential Type and Building Heating Appliances—with Revisions through September 2021	2010
UL	127	Factory-built Fireplaces—with Revisions through February 2020	2011
UL	199E	Outline of Investigation for Fire Testing of Sprinklers and Water Spray Nozzles for Protection of Deep Fat Fryers	2004
UL	217	Smoke Alarms—with Revisions through April 2021	2015
UL	263	Fire Tests of Building Construction and Materials—with Revisions through August 2021	2011
UL	268	Smoke Detectors for Fire Alarm Systems—with Revisions through October 2019	2016
UL	294	Access Control System Units—with Revisions through October 2018	2018
UL	300	Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment	2019
UL	300A	Outline of Investigation for Extinguishing System Units for Residential Range Top Cooking Surfaces	2006
UL	305	Panic Hardware—with Revisions through March 2017	2012
UL	325	Door, Drapery, Gate, Louver and Window Operators and Systems—with Revisions through February 2020	2017
UL	555	Fire Dampers—with Revisions through October 2020	2006
UL	555C	Ceiling Dampers—with Revisions through January 2021	2014
UL	555S	Smoke Dampers—with Revisions through October 2020	2014
UL	580	Test for Uplift Resistance of Roof Assemblies—with Revisions through March 2019	2006
UL	641	Type L Low-temperature Venting Systems—with Revisions through April 2018	2010
UL	710B	Recirculating Systems—with Revisions through February 2019	2011

Reference Standards

Building Code of
New York State

UL	723	Standard for Test for Surface Burning Characteristics of Building Materials	2018
UL	723S	Drop-Out Ceilings Installed Beneath Automatic Sprinklers	2006
UL	790	Standard Test Methods for Fire Tests of Roof Coverings—with Revisions through October 2018	2004
UL	793	Automatically Operated Roof Vents for Smoke and Heat—with Revisions through March 2017	2008
UL	864	Control Units and Accessories for Fire Alarm Systems—with Revisions through May 2020	2014
UL	924	Emergency Lighting and Power Equipment—with Revisions through May 2020	2016
UL	1034	Burglary-Resistant Electric Locking Mechanisms—with Revisions through June 2020	2011
UL	1040	Fire Test of Insulated Wall Construction—with Revisions through April 2017	1996
UL	1256	Fire Test of Roof Deck Construction—with Revisions through August 2018	2002
UL	1479	Fire Tests of Penetration Firestops—with Revisions through May 2021	2015
UL	1482	Solid-fuel Type Room Heaters—with Revisions through February 2020	2011
UL	1489	Fire Tests of Fire Resistant Pipe Protection Systems Carrying Combustible Liquids—with Revisions through October 2021	2016
UL	1703	Flat-plate Photovoltaic Modules and Panels—with Revisions through November 2019	2002
UL	1715	Fire Test of Interior Finish Material—with Revisions through April 2017	1997
UL	1741	Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources—with Revisions through June 2021	2010
UL	1777	Chimney Liners—with Revisions through April 2019	2015
UL	1784	Air Leakage Tests of Door Assemblies—with Revisions through February 2020	2015
UL	1897	Uplift Tests for Roof Covering Systems—with Revisions through September 2020	2015
UL	1975	Fire Tests for Foamed Plastics Used for Decorative Purposes	2006
UL	1994	Luminous Egress Path Marking Systems—with Revisions through July 2020	2015
UL	2034	Single and Multiple Station Carbon Monoxide Alarms—with Revisions through September 2018	2017
UL	2075	Gas and Vapor Detectors and Sensors—with Revisions through August 2021	2013
UL	2079	Tests for Fire Resistance of Building Joint Systems—with Revisions through July 2020	2015

Reference Standards
**Building Code of
New York State**

UL	2196	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables—with Revisions through December 2020	2017
UL	2200	Stationary Engine Generator Assemblies	2020
UL	2202	Electric Vehicle (EV) Charging System Equipment—with Revisions through February 2018	2009
UL	2525	Standard for Two-Way Emergency Communications Systems for Rescue Assistance	2020
UL	2594	Electric Vehicle Supply Equipment	2016
UL	2703	Mounting Systems, Mounting Devices, Clamping/Retention Devices and Ground Lugs for Use with Flat-plate Photovoltaic Modules and Panels—with Revisions through March 2021	2014
UL	7103	Outline of Investigation for Building-Integrated Photovoltaic Roof Coverings	2019
UL	8802	Outline of Investigation for Germicidal Systems	2020
UL	61730-1	Photovoltaic (PV) Module Safety Qualification — Part 1: Requirements for Construction—with Revisions through April 2020	2017
UL	61730-2	Photovoltaic (PV) Module Safety Qualification — Part 2: Requirements for Testing—with Revisions through April 2020	2017

Underwriters Laboratories of Canada

ULC	CAN 102.2 ULC S 102.2	Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies	2018
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United States Code

USC	USC Part 1, Ch. 40	Importation, Manufacture, Distribution and Storage of Explosive Materials	18
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West Coast Lumber Inspection Bureau

WCLIB	AITC 104	Typical Construction Details	03
WCLIB	AITC 110	Standard Appearance Grades for Structural Glued Laminated Timber	01
WCLIB	AITC 113	Standard for Dimensions of Structural Glued Laminated Timber	10
WCLIB	AITC 119	Standard Specifications for Structural Glued Laminated Timber of Hardwood Species	96
WCLIB	AITC 200	Manufacturing Quality Control Systems Manual for Structural Glued Laminated Timber	20

<u>Window and Door Manufacturers Association</u>			
WDMA	AAMA 101 WDMA 101 CSA 101 I.S.2 A440	North American Fenestration Standard/Specification for Windows, Doors, and Skylights	<u>22</u>
<u>WDMA</u>	<u>WDMA I.S. 11</u>	<u>Industry Standard for Analytical Method for Design Pressure (DP) Ratings of Fenestration Products</u>	<u>2018</u>
<u>Wire Reinforcement Institute</u>			
WRI	WRI CRSI	Design of Slab-on-ground Foundations—with 1996 Update	81

PLUMBING CODE REFERENCE STANDARDS

<u>Standards Organization</u>	<u>Number</u>	<u>Name</u>	<u>Version</u>
American Iron and Steel Institute			
AISI	S220	North American Standard for Cold-Formed Steel Nonstructural Framing	20
AISI	S240	North American Standard for Cold-Formed Steel Structural Framing, 2020	20
American National Standards Institute			
ANSI	A118.10	Standard Specifications for Load-bearing, Bonded, Waterproof Membranes for Thin-set Ceramic Tile and Dimension Stone Installation	(R2019)
ANSI	ANSI Z21.22 CSA 4.4	Relief Valves for Hot Water Supply Systems	2015 (R2020)
ANSI	Z535.2	American National Standard for Environmental and Facility Safety Signs	2024
American Society of Heating, Refrigerating and Air-Conditioning Engineers			
ASHRAE	ASHRAE 18	Method of Testing for Rating Drinking-Water Coolers with Self-contained Mechanical Refrigeration (ANSI/ASHRAE Approved)	2008 (RA13)
American Society of Mechanical Engineers			
ASME	A112.1.2	Air Gaps in Plumbing Systems (For Plumbing Fixtures and Water Connection Receptors)	2012 (R2017)
ASME	A112.1.3	Air Gap Fittings for Use with Plumbing Fixtures, Appliances and Appurtenances	2000 (R2024)
ASME	A112.3.1	Stainless Steel Drainage Systems for Sanitary, DWV, Storm and Vacuum Applications Above and Below Ground	2007 (R2017)
ASME	A112.4.1	Water Heater Relief Valve Drain Tubes	2024
ASME	A112.4.2 CSA B45.16	Water Closet Personal Hygiene Devices	2021
ASME	A112.4.3	Plastic Fittings for Connecting Water Closets to the Sanitary Drainage System	2024
ASME	A112.4.4	Plastic Push-Fit Drain, Waste, and Vent (DWV) Fittings	2022
ASME	A112.4.14 CSA B125.14	Manually or Automatically Operated Valves for Use in Plumbing Systems	2022/22
ASME	A112.6.1M	Floor Affixed Supports for Off-the-Floor Plumbing Fixtures for Public Use	2022
ASME	A112.6.2	Framing-Affixed Supports for Off-the-Floor Water Closets with Concealed Tanks	2017 (R2022)
ASME	A112.6.3	Floor and Trench Drains	2022
ASME	A112.6.4	Roof, Deck, and Balcony Drains	2003 (R2020)
ASME	A112.6.7	Sanitary Floor Sinks	2010 (R2024)

Reference Standards
**Plumbing Code of
New York State**

ASME	A112.6.9	Siphonic Roof Drains	2005 (R2024)
ASME	A112.14.1	Backwater Valves	2003 (R2022)
ASME	A112.14.3	Grease Interceptors	2023
ASME	A112.14.4	Grease Removal Devices	2001 (2022)
ASME	A112.14.6	FOG (Fats, Oils and Greases) Disposal Systems	2010 (R2024)
ASME	A112.18.1 CSA B125.1	Plumbing Supply Fittings	2023
ASME	A112.18.2 CSA B125.2	Plumbing Waste Fittings	2023
ASME	A112.18.3	Performance Requirements for Backflow Protection Devices and Systems in Plumbing Fixture Fittings	2002 (R2022)
ASME	A112.18.6 CSA B125.6	Flexible Water Connectors	2021/21
ASME	A112.18.9	Protectors/Insulators for Exposed Waste and Supplies on Accessible Fixtures	2011 (2017)
ASME	A112.19.1 CSA B45.2	Enameled Cast Iron and Enameled Steel Plumbing Fixtures	2022
ASME	A112.19.2 CSA B45.1	Ceramic Plumbing Fixtures	2021
ASME	A112.19.3 CSA B45.4	Stainless Steel Plumbing Fixtures	2021
ASME	A112.19.5 CSA B45.15	Flush Valves and Spuds for Water Closets, Urinals, and Tanks	2022
ASME	A112.19.7 CSA B45.10	Hydromassage Bathtub Systems	2023
ASME	A112.19.12	Wall Mounted and Pedestal Mounted, Adjustable, Elevating, Tilting and Pivoting Lavatory, Sink and Shampoo Bowl Carrier Systems and Drain Waste Systems	2024
ASME	A112.19.14	Six-liter Water Closets Equipped with a Dual Flushing Device	2013 (R2023)
ASME	A112.19.15	Bathtub/Whirlpool Bathtubs with Pressure Sealed Doors	2012 (R2022)
ASME	A112.19.19	Vitreous China Nonwater Urinals	2021
ASME	A112.21.3	Hydrants for Utility and Maintenance Use	2022
ASME	A112.36.2M	Cleanouts	1991 (R2022)
ASME	ASME A112.3.4 CSA B45.9	Macerating Toilet Systems and Waste Pumping Systems for Plumbing Fixtures	2022

Reference Standards
**Plumbing Code of
New York State**

ASME	ASSE 1002 ASME A112.1002 CSA B125.12	Anti-Siphon Fill Valves for Water Closet Tanks	2020
ASME	ASSE 1016 ASME A112.1016 CSA B125.16	Performance Requirements for Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations	2021
ASME	ASSE 1037 ASME A112.1037 CSA B125.37	Performance Requirements for Pressurized Flushing Devices for Plumbing Fixtures	2015
ASME	ASSE 1070 ASME A112.1070 CSA B125.1070	Performance Requirements for Water Temperature Limiting Devices	2020
ASME	B1.20.1	Pipe Threads, General Purpose (inch)	2023
ASME	B16.3	Malleable Iron Threaded Fittings Classes 150 and 300	2021
ASME	B16.4	Gray Iron Threaded Fittings Classes 125 and 250	2016
ASME	B16.9	Factory-Made Wrought Steel Buttwelding Fittings	2023
ASME	B16.11	Forged Fittings, Socket-Welding and Threaded	2021
ASME	B16.12	Cast Iron Threaded Drainage Fittings	2024
ASME	B16.15	Cast Alloy Threaded Fittings: Classes 125 and 250	2023
ASME	B16.18	Cast Copper Alloy Solder Joint Pressure Fittings	2023
ASME	B16.22	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings	2023
ASME	B16.23	Cast Copper Alloy Solder Joint Drainage Fittings DWV	2016
ASME	B16.26	Cast Copper Alloy Fittings for Flared Copper Tubes	2023
ASME	B16.28	Wrought Steel Buttwelding Short Radius Elbows and Returns	1994
ASME	B16.29	Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings (DWV)	2022
ASME	B16.34	Valves—Flanged, Threaded and Welding End	2023
ASME	B16.51	Copper and Copper Alloy Press-Connect Pressure Fittings	2018
American Society of Plumbing Engineers			
ASPE	45	Siphonic Roof Drainage	2018
ASPE	ASPE IAPMO Z1034	Test Method for Evaluating Roof Drain Performance	2015 (R2020)

American Society of Sanitary Engineering			
ASSE	1001	Performance Requirements for Atmospheric Type Vacuum Breakers	2017
ASSE	1004	Performance Requirements for Commercial Dishwashing Machines	2017
ASSE	1005	Performance Requirements for Water Heater Drain Valves 3/4 Inch Size	1999
ASSE	1008	Performance Requirements for Plumbing Aspects of Residential Food Waste Disposer Units	2020
ASSE	1010	Performance Requirements for Water Hammer Arresters	2004
ASSE	1011	Performance Requirements for Hose Connection Vacuum Breakers	2017
ASSE	1012	Performance Requirements for Backflow Preventers with an Intermediate Atmospheric Vent	2009
ASSE	1013	Performance Requirements for Reduced Pressure Principle Backflow Prevention Assemblies	2021
ASSE	1014	Performance Requirements for Backflow Prevention Devices for Hand-held Showers	2020
ASSE	1015	Performance Requirements for Double Check Backflow Prevention Assemblies	2021
ASSE	1017	Performance Requirements for Temperature Actuated Mixing Valves for Hot Water Distribution Systems	2009
ASSE	1018	Performance Requirements for Trap Seal Primer Valves; Potable Water Supplied	2001 (R2021)
ASSE	1019	Performance Requirements for Wall Hydrant with Backflow Protection and Freeze Resistance	2011 (R2016)
ASSE	1020	Performance Requirements for Pressure Vacuum Breaker Assembly	2020
ASSE	1022	Performance Requirements for Backflow Preventer for Beverage Dispensing Equipment	2021
ASSE	1023	Performance Requirements for Electrically Heated or Cooled Water Dispensers	2020
ASSE	1024	Performance Requirements for Dual Check Backflow Preventers	2021
ASSE	1032	Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers – Post Mix Type	2004 (R2021)
ASSE	1035	Performance Requirements for Laboratory Faucet Backflow Preventers	2020
ASSE	1044	Performance Requirements for Trap Seal Primer—Drainage Types and Electronic Design Types	2015 (R2020)

Reference Standards

Plumbing Code of
New York State

ASSE	1047	Performance Requirements for Reduced Pressure Detector Backflow Prevention Assemblies	2021
ASSE	1048	Performance Requirements for Double Check Detector Backflow Prevention Assemblies	2021
ASSE	1049	Performance Requirements for Individual and Branch Type Air Admittance Valves for Chemical Waste Systems	2021
ASSE	1050	Performance Requirements for Stack Air Admittance Valves for Sanitary Drainage Systems	2021
ASSE	1051	Performance Requirements for Individual and Branch Type Air Admittance Valves for Sanitary Drainage Systems	2021
ASSE	1052	Performance Requirements for Hose Connection Backflow Preventers	2016
ASSE	1056	Performance Requirements for Spill Resistant Vacuum Breaker Assemblies	2013 (R2021)
ASSE	1060	Performance Requirements for Outdoor Enclosures for Fluid Conveying Components	2017 (R2021)
ASSE	1061	Performance Requirements for Push-Fit Fittings	2020
ASSE	1062	Performance Requirements for Temperature Actuated, Flow Reduction (TAFR) Valves for Individual Supply Fittings	2021
ASSE	1064	Performance Requirements for Backflow Prevention Assembly Field Test Kits	2020
ASSE	1066	Performance Requirements for Individual Pressure Balancing In-line Valves for Individual Fixture Fittings	1997
ASSE	1069	Performance Requirements for Automatic Temperature Control Mixing Valves	2020
ASSE	1071	Performance Requirements for Temperature Actuated Mixing Valves for Plumbed Emergency Equipment	2012 (R2021)
ASSE	1072	Performance Requirements for Trap Seal Protection for Floor Drains	2020
ASSE	1079	Performance Requirements for Dielectric Pipe Unions	2012 (R2021)
ASSE	1081	Performance Requirements for Backflow Preventers with Integral Pressure Reducing Boiler Feed Valve and Intermediate Atmospheric Vent Style for Domestic and Light Commercial Water Distribution Systems	2014 (R2020)
ASSE	1082	Performance Requirements for Water Heaters with Integral Temperature Control Devices for Hot Water Distribution Systems.	2018
ASSE	1084	Performance Requirements for Water Heaters with Temperature Limiting Capacity	2018
ASSE	1085	Performance Requirements for Water Heaters for Emergency Equipment	2018

Reference Standards
**Plumbing Code of
New York State**

ASSE	5013	Performance Requirements for Reduced Pressure Principle Backflow Preventers (RPA) and Reduced Pressure Principle Fire Protection Backflow Preventers (RFP)	2015
ASSE	5015	Performance Requirements for Testing Double Check Valve Backflow Prevention Assemblies (DC) and Double Check Fire Protection Backflow Prevention Assemblies (DCF)	2015
ASSE	5020	Performance Requirements for Testing Pressure Vacuum Breaker Assemblies (PVB)	2015
ASSE	5047	Performance Requirements for Testing Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies (RPDF)	2015
ASSE	5048	Performance Requirements for Testing Double Check Detector Fire Protection Backflow Prevention Assemblies (DCDF)	2015
ASSE	5052	Performance Requirements for Testing Hose Connection Backflow Preventers	98
ASSE	5056	Performance Requirements for Testing Spill Resistant Vacuum Breaker (SRVB)	2015
ASSE	ASSE 1002 ASME A112.1002 CSA B125.12	Anti-Siphon Fill Valves for Water Closet Tanks	2020
ASSE	ASSE 1003	Performance Requirements for Water-pressure-reducing Valves for Domestic Water Distribution Systems	2020
ASSE	ASSE 1016 ASME A112.1016 CSA B125.16	Performance Requirements for Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations	2020
ASSE	ASSE 1037 ASME A112.1037 CSA B125.37	Performance Requirements for Pressurized Flushing Devices for Plumbing Fixtures	2015/15
ASSE	ASSE 1070 ASME A112.1070 CSA B125.1070	Performance Requirements for Water Temperature Limiting Devices	2020/20
ASSE	ASSE IAPMO 1055	Performance Requirements for Chemical Dispensing Systems with Integral Backflow Protection	2020

American Society for Testing and Materials

ASTM	A53 A53M	Specification for Pipe, Steel, Black and Hot-dipped, Zinc-coated Welded and Seamless	2020
ASTM	A74	Specification for Cast Iron Soil Pipe and Fittings	2021
ASTM	A269 A269M	Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service	2015A (2019)
ASTM	A312 A312M	Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes	21
ASTM	A518 A518M	Standard Specification for Corrosion-Resistant High-Silicon Iron Castings	99 (2018)
ASTM	A733	Specification for Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples	16
ASTM	A778 A778M	Specification for Welded Unannealed Austenitic Stainless Steel Tubular Products	16 (2021)
ASTM	A888	Specification for Hubless Cast-iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Application	21a
ASTM	B32	Specification for Solder Metal	20
ASTM	B42	Specification for Seamless Copper Pipe, Standard Sizes	20
ASTM	B43	Specification for Seamless Red Brass Pipe, Standard Sizes	20
ASTM	B75 B75M	Specification for Seamless Copper Tube	20
ASTM	B88	Standard Specification for Seamless Copper Water Tube	20
ASTM	B152 B152M	Standard Specification for Copper Sheet, Strip Plate, and Rolled Bar	19
ASTM	B251 B251M	Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube	2017
ASTM	B302	Specification for Threadless Copper Pipe, Standard Sizes	17
ASTM	B306	Specification for Copper Drainage Tube (DWV)	20
ASTM	B447	Specification for Welded Copper Tube	12a (2021)
ASTM	B687	Specification for Brass, Copper and Chromium-plated Pipe Nipples	1999 (2016)
ASTM	B813	Specification for Liquid and Paste Fluxes for Soldering Applications of Copper and Copper Alloy Tube	2016

Reference Standards
**Plumbing Code of
New York State**

ASTM	B828	Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings	2016
ASTM	C4	Specification for Clay Drain Tile and Perforated Clay Drain Tile	04 (2018)
ASTM	C14	Specification for Nonreinforced Concrete Sewer, Storm Drain and Culvert Pipe	20
ASTM	C76	Specification for Reinforced Concrete Culvert, Storm Drain and Sewer Pipe	22
ASTM	C425	Specification for Compression Joints for Vitrified Clay Pipe and Fittings	21
ASTM	C443	Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets	21
ASTM	C564	Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings	20a
ASTM	C700	Specification for Vitrified Clay Pipe, Extra Strength, Standard Strength, and Perforated	2018
ASTM	C1053	Specification for Borosilicate Glass Pipe and Fittings for Drain, Waste, and Vent (DWV) Applications	2000 (2015)
ASTM	C1173	Specification for Flexible Transition Couplings for Underground Piping System	2018
ASTM	C1277	Specification for Shielded Couplings Joining Hubless Cast Iron Soil Pipe and Fittings	20
ASTM	C1440	Specification for Thermoplastic Elastomeric (TPE) Gasket Materials for Drain, Waste, and Vent (DWV), Sewer, Sanitary and Storm Plumbing Systems	21
ASTM	C1460	Specification for Shielded Transition Couplings for Use with Dissimilar DWV Pipe and Fittings Above Ground	21
ASTM	C1461	Specification for Mechanical Couplings Using Thermoplastic Elastomeric (TPE) Gaskets for Joining Drain, Waste and Vent (DWV) Sewer, Sanitary and Storm Plumbing Systems for Above and Below Ground Use	21
ASTM	C1540	Specification for Heavy Duty Shielded Couplings Joining Hubless Cast-iron Soil Pipe and Fittings	20
ASTM	C1563	Standard Test Method for Gaskets for Use in Connection with Hub and Spigot Cast Iron Soil Pipe and Fittings for Sanitary Drain, Waste, Vent and Storm Piping Applications	2008 (2021)
ASTM	C1822	Standard Specification for Insulating Covers on Accessible Lavatory Piping	2015
ASTM	D1253	Standard Test Method For Residual Chlorine in Water	14 (2021) e1
ASTM	D1527	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80	99 (2005)

Reference Standards

Plumbing Code of
New York State

ASTM	D1785	Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80 and 120	21a
ASTM	D2235	Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings	2021
ASTM	D2239	Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Controlled Inside Diameter	12a
ASTM	D2241	Standard Specification for Poly (Vinyl Chloride) (PVC) Pressure-rated Pipe (SDR-Series)	20
ASTM	D2282	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (SDR-PR)	99 (2005)
ASTM	D2464	Specification for Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80	15
ASTM	D2466	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40	21
ASTM	D2467	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80	20
ASTM	D2468	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 40	96a
ASTM	D2564	Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems	20
ASTM	D2609	Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe	21
ASTM	D2657	Standard Practice for Heat Fusion Joining of Polyolefin Pipe and Fittings	2007 (2015)
ASTM	D2661	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings	21
ASTM	D2665	Specification for Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings	20
ASTM	D2672	Specification for Joints for IPS PVC Pipe Using Solvent Cement	20e1
ASTM	D2680	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Composite Sewer Piping	20
ASTM	D2683	Standard Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing	20
ASTM	D2729	Specification for Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings	17
ASTM	D2737	Standard Specification for Polyethylene (PE) Plastic Tubing	21
ASTM	D2751	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings	05

Reference Standards
**Plumbing Code of
New York State**

ASTM	D2846 D2846M	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot- and Cold- Water Distribution Systems	19a
ASTM	D2855	Standard Practice for the Two-Step (Primer and Solvent Cement) Method of Joining Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets	20
ASTM	D2949	Specification for 3.25-in. Outside Diameter Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings	18
ASTM	D3034	Specification for Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings	2021
ASTM	D3035	Standard Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter	21
ASTM	D3138	Standard Specification for Solvent Cements for Transition Joints Between Acrylonitrile- Butadiene-Styrene (ABS) and Poly (Vinyl Chloride) (PVC) Non-pressure Piping Components	2021
ASTM	D3139	Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals	19
ASTM	D3212	Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals	2021
ASTM	D3261	Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing	2016
ASTM	D3311	Specification for Drain, Waste and Vent (DWV) Plastic Fittings Patterns	2017 (2021)
ASTM	D4068	Specification for Chlorinated Polyethylene (CPE) Sheeting for Concealed Water- containment Membrane	2017 (2022)
ASTM	D4551	Specification for Poly (Vinyl Chloride) (PVC) Plastic Flexible Concealed Water- containment Membrane	2017
ASTM	E84	Standard Test Methods for Surface Burning Characteristics of Building Materials	21a
ASTM	E2635	Standard Practice for Water Conservation Through In-Situ Water Reclamation	14
ASTM	E2727	Standard Practice for the Assessment of Rainwater Quality	2018
ASTM	F405	Specification for Corrugated Polyethylene (PE) Pipe and Fittings	05
ASTM	F409	Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings	2017
ASTM	F437	Standard Specification for Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80	21

Reference Standards
**Plumbing Code of
New York State**

ASTM	F438	Standard Specification for Socket-type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40	2017
ASTM	F439	Standard Specification for Socket Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80	19
ASTM	F441 F441M	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80	20
ASTM	F442 F442M	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR)	20
ASTM	F477	Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe	14 (2021)
ASTM	F493	Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings	20
ASTM	F628	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe with a Cellular Core	2012E2'
ASTM	F656	Specification for Primers for Use in Solvent Cement Joints of Poly(Vinyl Chloride) (PVC) Plastic Pipe and Fittings	21
ASTM	F667 F667M	Standard Specification for 3 through 24 in. Corrugated Polyethylene Pipe and Fittings	16 (2021)
ASTM	F714	Standard Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Outside Diameter	21a
ASTM	F876	Specification for Cross-linked Polyethylene (PEX) Tubing	20b
ASTM	F877	Specification for Cross-linked Polyethylene (PEX) Plastic Hot- and Cold-water Distribution Systems	20
ASTM	F891	Standard Specification for Coextruded Poly (Vinyl Chloride) (PVC) Plastic Pipe with a Cellular Core	2016
ASTM	F1055	Standard Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Crosslinked Polyethylene Pipe and Tubing	2016A
ASTM	F1216	Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube	22
ASTM	F1281	Specification for Crosslinked Polyethylene/Aluminum/ Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe	2017 (2021) e1
ASTM	F1282	Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe	2017
ASTM	F1412	Specification for Polyolefin Pipe and Fittings for Corrosive Waste Drainage	2016

Reference Standards
**Plumbing Code of
New York State**

ASTM	F1476	Standard Specification for Performance of Gasketed Mechanical Couplings for Use in Piping Applications	07 (2019)
ASTM	F1488	Standard Specification for Coextruded Composite Pipe	14 (2019)
ASTM	F1504	Standard Specification for Folded Poly (Vinyl Chloride) (PVC) for Existing Sewer and Conduit Rehabilitation	21
ASTM	F1548	Standard Specification for the Performance of Fittings for Use with Gasketed Mechanical Couplings Used in Piping Applications	2001 (2018)
ASTM	F1673	Standard Specification for Polyvinylidene Fluoride (PVDF) Corrosive Waste Drainage Systems	2010 (2021) e1
ASTM	F1743	Standard Practice for Rehabilitation of Existing Pipelines and Conduits by Pulled-in-Place Installation of Cured in-Place Thermosetting Resin Pipe (CIPP)	22
ASTM	F1807	Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps, for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	19b
ASTM	F1866	Specification for Poly (Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated Fittings	2018
ASTM	F1871	Standard Specification for Folded/Formed Poly (Vinyl Chloride) Pipe Type A for Existing Sewer and Conduit Rehabilitation	20
ASTM	F1960	Standard Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing	21
ASTM	F1970	Standard Specification for Special Engineered Fittings, Appurtenances or Valves for Use in Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Systems	19
ASTM	F1974	Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene Composite Pressure Pipe	09 (2020)
ASTM	F1986	Specification for Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hot and Cold Drinking-Water Systems	2001 (2011)
ASTM	F2080	Standard Specification for Cold Expansion Fittings with Metal Compression-Sleeves for Crosslinked Polyethylene (PEX) Pipe and SDR9 Polyethylene of Raised Temperature (PE-RT) Pipe	2019

Reference Standards
**Plumbing Code of
New York State**

ASTM	F2098	Standard Specification for Stainless Steel Clamps for Securing SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) to Metal Insert and Plastic Insert Fittings	18
ASTM	F2159	Standard Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	21
ASTM	F2262	Specification for Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene Tubing OD Controlled SDR9	9
ASTM	F2306 F2306M	12" to 60" Annular Corrugated Profile-wall Polyethylene (PE) Pipe and Fittings for Gravity Flow Storm Sewer and Subsurface Drainage Applications	2021
ASTM	F2389	Standard Specification for Pressure-rated Polypropylene (PP) Piping Systems	21
ASTM	F2434	Standard Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Cross-linked Polyethylene/Aluminum/ Cross-linked Polyethylene (PEX AL-PEX) Tubing	19
ASTM	F2561	Standard Practice for Rehabilitation of a Sewer Service Lateral and its Connection to the Main Using a One Piece Main and Lateral Cured-in-Place Liner	20
ASTM	F2599	Standard Practice for Sectional Repair of Damaged Pipe by Means of an Inverted Cured-in-Place Liner	20
ASTM	F2618	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Fittings for Chemical Waste Drainage Systems	19
ASTM	F2648 F2648M	Standard Specification for 2 to 60 inch [50 to 1500 mm] Annular Corrugated Profile Wall Polyethylene (PE) Pipe and Fittings for Land Drainage Applications	20
ASTM	F2735	Standard Specification for Plastic Insert Fittings for SDR9 Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing	21
ASTM	F2736	Standard Specification for 6 to 30 in. [152 to 762 mm] Polypropylene (PP) Corrugated Single Wall Pipe and Double Wall Pipe	13e1
ASTM	F2763	Standard Specification for 12 to 60 in. [300 to 1500 mm] Dual and Triple Profile-Wall Polyethylene (PE) Pipe and Fittings for Sanitary Sewer Applications	16
ASTM	F2764 F2764M	Standard Specification for 6 to 60 in. [150 to 1500 mm] Polypropylene (PP) Corrugated Double and Triple Wall Pipe and Fittings for Non-Pressure Sanitary Sewer Applications	19

Reference Standards
**Plumbing Code of
New York State**

ASTM	F2769	Standard Specification for Polyethylene of Raised Temperature (PE-RT) Plastic Hot- and Cold-water Tubing and Distribution Systems	18
ASTM	F2831	Standard Practice for Internal Non Structural Epoxy Barrier Coating Material Used in Rehabilitation of Metallic Pressurized Piping Systems	19
ASTM	F2855	Standard Specification for Chlorinated Poly(Vinyl Chloride)/Aluminum/Chlorinated Poly(Vinyl Chloride) (CPVC/AL/CPVC) Composite Pressure Tubing	19
ASTM	F2881 F2881M	Standard Specification for 12 to 60 in. [300 to 1500 mm] Polypropylene (PP) Dual Wall Pipe and Fittings for Non-Pressure Storm Sewer Applications	21e1
ASTM	F2947 F2947M	Standard Specification for 150 to 1500 mm [6 to 60 in] Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Sanitary Sewer Applications	20
ASTM	F3202	Standard Specification for Solid Wall Poly (Vinyl Chloride) PVC Fittings for Joining Corrugated Wall High Density Polyethylene (PE) and Propylene (PP) Piping	19a
ASTM	F3226 F3226M	Standard Specification for Metallic Press-Connect Fittings for Piping and Tubing Systems	19
ASTM	F3240	Standard Practice for Installation of Seamless Molded Hydrophilic Gaskets (SMHG) for Long Term Watertightness of Cured-in-Place Rehabilitation of Main and Lateral Pipelines	19e1
ASTM	F3328	Standard Practice for the One-Step (Solvent Cement Only) Method of Joining Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets	18
ASTM	F3347	Standard Specification for Metal Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	20A
ASTM	F3348	Standard Specification for Plastic Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	20b
ASTM	F3371	Standard Specification for Polyolefin Pipe and Fittings for Drainage, Waste, and Vent Applications	19

American Welding Society			
AWS	A5.8M A5.8	Specification for Filler Metals for Brazing and Braze Welding	<u>2019</u>
American Water Works Association			
AWWA	C104 A21.4	Cement-mortar Lining for Ductile-iron Pipe and Fittings	<u>16</u>
AWWA	C110 A21.10	Ductile-iron and Gray-iron Fittings	<u>21</u>
AWWA	C111 A21.11	Rubber-gasket Joints for Ductile-iron Pressure Pipe and Fittings	<u>17</u>
AWWA	C115 A21.15	Flanged Ductile-iron Pipe with Ductile-iron or Gray-iron Threaded Flanges	<u>20</u>
AWWA	C151 A21.51	Ductile-iron Pipe, Centrifugally Cast	<u>17</u>
AWWA	C153 A21.53	Ductile-iron Compact Fittings	<u>19</u>
AWWA	C500	Metal-Seated Gate Valves for Water Supply Service	<u>19</u>
AWWA	C504	Rubber-Seated Butterfly Valves	<u>15</u>
AWWA	C507	Standard for Ball Valves, 6 In. Through 60 in. (150 mm through 1,500 mm).	<u>18</u>
AWWA	C510	Double Check Valve Backflow Prevention Assembly	<u>17</u>
AWWA	C511	Reduced-pressure Principle Backflow Prevention Assembly	<u>17</u>
AWWA	C651	Disinfecting Water Mains	14
AWWA	C652	Disinfection of Water-storage Facilities	19
AWWA	C901	Polyethylene (PE) Pressure Pipe and Tubing 3/4 inch (19 mm) Through 3 inch (76 mm) for Water Service	20
AWWA	C904	Cross-linked Polyethylene (PEX) Pressure Tubing 1/2 inch (13 mm) Through 3 inch (76 mm) for Water Service	16
Cast Iron Soil Pipe Institute			
CISPI	301	Standard Specification for Hubless Cast-iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste and Vent Piping Applications	<u>21</u>
CISPI	310	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	<u>20</u>

CSA Group			
CSA	A257.1	Non-reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe and Fittings	19
CSA	A257.2	Reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe and Fittings	19
CSA	A257.3	Joints for Circular Concrete Sewer and Culvert Pipe, Manhole Sections and Fittings Using Rubber Gaskets	19
CSA	ASME A112.3.4 CSA B45.9	Macerating Systems and Waste Pumping Systems for Plumbing Fixtures	2018/ 2018 (R2023)
CSA	ASME A112.4.2 CSA B45.16	Personal Hygiene Devices for Water Closets	2021/21
CSA	ASME A112.18.1 CSA B125.1	Plumbing Supply Fittings	2023/23
CSA	ASME A112.18.2 CSA B125.2	Plumbing Waste Fittings	2023/23
CSA	ASME A112.18.6 CSA B125.6	Flexible Water Connectors	2021/21
CSA	ASME A112.19.1 CSA B45.2	Enamelled Cast Iron and Enamelled Steel Plumbing Fixtures	2023/23
CSA	ASME A112.19.2 CSA B45.1	Ceramic Plumbing Fixtures	2023/23
CSA	ASME A112.19.3 CSA B45.4	Stainless Steel Plumbing Fixtures	2022/22
CSA	ASME A112.19.5 CSA B45.15	Flush Valves and Spuds for Water Closets, Urinals and Tanks	2022/22
CSA	ASME A112.19.7 CSA B45.10	Hydromassage Bathtub Systems	2020/20
CSA	ASSE 1002 ASME A112.1002 CSA B125.12	Anti-Siphon Fill Valves for Water Closet Tanks	2020
CSA	ASSE 1016 ASME A112.1016 CSA B125.16	Performance Requirements for Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations	2020

Reference Standards
**Plumbing Code of
New York State**

CSA	ASSE 1037 ASME A112.1037 CSA B125.37	Performance Requirements for Pressurized Flushing Devices for Plumbing Fixtures	2020/20
CSA	ASSE 1070 ASME A112.1070 CSA B125.1070	Performance Requirements for Water Temperature Limiting Devices	2020/20
CSA	B64.1.1	Vacuum Breakers, Atmospheric Type (AVB)	21
CSA	B64.1.2	Pressure Vacuum Breakers, (PVB)	21
CSA	B64.1.3	Spill Resistant Pressure Vacuum Breakers (SRPVB)	21
CSA	B64.2	Vacuum Breakers, Hose Connection Type (HCVB)	21
CSA	B64.2.1	Hose Connection Vacuum Breakers (HCVB) with Manual Draining Feature	21
CSA	B64.2.1.1	Hose Connection Dual Check Vacuum Breakers (HCDVB)	21
CSA	B64.2.2	Vacuum Breakers, Hose Connection Type (HCVB) with Automatic Draining Feature	21
CSA	B64.3	Dual Check Backflow Preventers with Atmospheric Port (DCAP)	21
CSA	B64.4	Reduced Pressure Principle (RP) Backflow Preventers	21
CSA	B64.5	Double Check Valve (DCVA) Backflow Preventers	21
CSA	B64.5.1	Double Check Valve Backflow Preventers for Fire Protection Systems (DCVAF)	21
CSA	B64.6	Dual Check Valve (DuC) Backflow Preventers	21
CSA	B64.7	Laboratory Faucet Vacuum Breakers (LFVB)	21
CSA	B64.10	Selection and Installation of Backflow Preventers	17
CSA	B64.10.1	Maintenance and Field Testing of Backflow Preventers	17
CSA	B79	Commercial and Residential Drains and Cleanouts	08 (R2018)
CSA	B125.3	Plumbing Fittings	23
CSA	B137.1	Polyethylene (PE) Pipe, Tubing and Fittings for Cold-water Pressure Services	23
CSA	B137.2	Polyvinylchloride, PVC, Injection-moulded Gasketed Fittings for Pressure Applications	23
CSA	B137.3	Rigid Polyvinylchloride (PVC) Pipe and Fittings for Pressure Applications	23
CSA	B137.5	Crosslinked Polyethylene (PEX) Tubing Systems for Pressure Applications	23
CSA	B137.6	Chlorinated Polyvinylchloride (CPVC) Pipe, Tubing and Fittings for Hot- and Cold-water Distribution Systems	23
CSA	B137.9	Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure-pipe Systems	23

Reference Standards
**Plumbing Code of
New York State**

CSA	B137.10	Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Composite Pressure-pipe Systems	23
CSA	B137.11	Polypropylene (PP-R & PP-RCT) Pipe and Fittings for Pressure Applications	23
CSA	B137.18	Polyethylene of Raised Temperature Resistance (PE-RT) Tubing Systems for Pressure Applications	23
CSA	B181.1	Acrylonitrile-Butadiene-Styrene ABS Drain, Waste and Vent Pipe and Pipe Fittings	21
CSA	B181.2	Polyvinylchloride PVC and Chlorinated Polyvinylchloride (CPVC) Drain, Waste, and Vent Pipe and Pipe Fittings	21
CSA	B181.3	Polyolefin and Polyvinylidene Fluoride (PVDF) Laboratory Drainage Systems	21
CSA	B182.1	Plastic Drain and Sewer Pipe and Pipe Fittings	21
CSA	B182.2	PSM Type Polyvinylchloride PVC Sewer Pipe and Fittings	21
CSA	B182.4	Profile Polyvinylchloride PVC Sewer Pipe and Fittings	21
CSA	B182.6	Profile Polyethylene (PE) Sewer Pipe and Fittings for Leak-proof Sewer Applications	21
CSA	B182.8	Profile Polyethylene (PE) Storm Sewer and Drainage Pipe and Fittings	21
CSA	B182.13	Profile Polypropylene (PP) Sewer Pipe and Fittings for Leak-proof Sewer Applications	18
CSA	B356	Water Pressure Reducing Valves for Domestic Water Systems	10 (R2020)
CSA	B481.1	Testing and Rating of Grease Interceptors Using Lard	12(R2017)
CSA	B481.3	Sizing, Slection, Location and Installation of Grease Interceptors	12(R2017)
CSA	B483.1	Drinking Water Treatment Systems	22
CSA	B602	Mechanical Couplings for Drain, Waste and Vent Pipe and Sewer Pipe	20
CSA	CSA B45.5 IAPMO Z124	Plastic Plumbing Fixtures	22
CSA	CSA B64.4.1	Reduced Pressure Principle Backflow Preventers for Fire Protection Systems (RPF)	21
CSA	CSA B805 ICC 805	Rainwater Harvesting Systems	22
International Association of Plumbing and Mechanical Officials			
IAPMO	CSA B45.5 IAPMO Z124	Plastic Plumbing Fixtures	2022

Reference Standards

Plumbing Code of
New York State

<u>IAPMO</u>	<u>30500</u>	<u>Non-sewered sanitation systems — Prefabricated integrated treatment units — General safety and performance requirements for design and testing</u>	<u>2019</u>
<u>IAPMO</u>	<u>ASPE/IAPMO Z1034</u>	<u>Test Method for Evaluating Roof Drain Performance</u>	<u>2015(R2020)</u>
IAPMO	ANSI/CAN/IAPMO Z1001	Prefabricated Gravity Grease Interceptors	<u>2021</u>
IAPMO	IAPMO/ANSI Z1157	Ball Valves	<u>2014e1(R2019)</u>
International Code Council			
ICC	IEBC	International Existing Building Code®	<u>24</u>
ICC	IEBC	International Building Code®	<u>25</u>
ICC	IECC	International Energy Conservation Code®	<u>24</u>
ICC	IFC	International Fire Code®	<u>24</u>
ICC	IFGC	International Fuel Gas Code®	<u>24</u>
ICC	IMC	International Mechanical Code®	<u>24</u>
ICC	IPSDC	International Private Sewage Disposal Code®	<u>24</u>
ICC	IRC	International Residential Code	<u>24</u>
ICC	ICC A117.1	Standard for Accessible and Usable Buildings and Facilities	<u>2017</u>
<u>ICC</u>	<u>CSA B805</u> <u>ICC 805</u>	<u>Rainwater Harvesting Systems</u>	<u>2022</u>
ICC	ICC 900 SRCC 300	Solar Thermal System Standard	2020
International Safety Equipment Association			
ISEA	ANSI/ISEA Z358.1	Emergency Eyewash and Shower Equipment	2014
Manufacturers Standardization Society of the Valve and Fittings Industry, Inc			
MSS	SP-67	Butterfly Valves	<u>2022</u>
MSS	SP-70	Gray Iron Gate Valves, Flanged and Threaded Ends	<u>2023</u>
MSS	SP-71	Gray Iron Swing Check Valves, Flanged and Threaded Ends	2011
MSS	SP-72	Ball Valves with Flanged or Butt-welding Ends for General Service	<u>2023</u>
MSS	SP-78	Cast Iron Plug Valves, Flanged and Threaded Ends	<u>2023</u>
MSS	SP-80	Bronze Gate, Globe, Angle and Check Valves	<u>2019</u>
MSS	SP-110	Ball Valves, Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends (incl. a 2010 Errata Sheet)	<u>2023</u>
MSS	SP-122	Plastic Industrial Ball Valves	<u>2023</u>

Reference Standards
**Plumbing Code of
New York State**

MSS	SP-139	Copper Alloy Gate, Globe, Angle and Check Valves for Low Pressure/Low Temperature Plumbing Applications	2022
<u>National Fire Protection Association</u>			
NFPA	51	Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting and Allied Processes	2023
NFPA	55	Compressed Gases and Cryogenic Fluids Code	2023
NFPA	70	National Electrical Code	2023
NFPA	99	Health Care Facilities Code	2024
<u>National Ground Water Association</u>			
NGWA	ANSI/NGWA 01	Water Well Construction Standard	2014
<u>NSF International</u>			
NSF	NSF/ANSI 3	Commercial Warewashing Equipment	2019
NSF	NSF/ANSI 14	Plastic Piping System Components and Related Materials	2020
NSF	NSF/ANSI 18	Manual Food and Beverage Dispensing Equipment	2020
NSF	NSF/ANSI 42	Drinking Water Treatment Units-Aesthetic Effects	2021
NSF	NSF/ANSI 44	Residential Cation Exchange Water Softeners	2017
NSF	NSF/ANSI 50	Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs and Other Recreational Facilities	2020
NSF	NSF/ANSI 53	Drinking Water Treatment Units—Health Effects	2020
NSF	NSF/ANSI 58	Reverse Osmosis Drinking Water Treatment Systems	2020
NSF	NSF/ANSI 61	Drinking Water System Components—Health Effects	2020
NSF	62	Drinking Water Distillation Systems	2021
NSF	184	Residential Dishwashers	2019
NSF	350	Onsite Residential and Commercial Water Reuse Treatment Systems	2020
NSF	359	Valves for Cross-linked Polyethylene (PEX) Water Distribution Tubing Systems	2018
NSF	372	Drinking Water Systems Components—Lead Content	2020
<u>Plumbing and Drainage Institute</u>			
PDI	PDI-G101	Testing and Rating Procedure for Hydro Mechanical Grease Interceptors with Appendix of Installation and Maintenance	2017
PDI	PDI-G102	Testing and Certification for Grease Interceptors with FOG Sensing and Alarm Devices	2009

Portable Sanitation Association International			
PSAI	ANSI/PSAI Z4.3—2016	American National Standard: for Sanitation: Non-Sewered Waste Disposal Systems: Minimum Requirements	2016
Underwriters Laboratories			
UL	399	Drinking-Water Coolers—with Revisions through July 2020	2017
UL	430	Waste Disposers—with Revisions through September 2021	2015
UL	508	Industrial Control Equipment—with Revisions through July 2021	2018
UL	723	Standard for Test for Surface Burning Characteristics of Building Materials	2018
UL	1795	Hydromassage Bathtubs—with Revisions through December 2017	2016

MECHANICAL CODE REFERENCE STANDARDS

<u>Standards Organization</u>	<u>Number</u>	<u>Name</u>	<u>Version</u>
<u>Air Conditioning Contractors of America</u>			
ACCA	ANSI Manual D ACCA 1 Manual D	Residential Duct Systems	23
ACCA	ANSI Manual SPS ACCA 10 Manual SPS	Design for Swimming Pools and Spas	17
ACCA	ANSI 183 ASHRAE 183 ACCA 183	Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings	2007 (RA 2020)
<u>Air-Conditioning, Heating, and Refrigeration Institute</u>			
AHRI	700	Specifications for Refrigerants	2019
<u>AISI</u>			
AISI	S220	North American Standard for Cold-Formed Steel Nonstructural Framing	20
AISI	S240	North American Standard for Cold-Formed Steel Structural Framing	20
<u>Air Movement and Control Association International</u>			
AMCA	550	Test Method for High Velocity Wind Driven Rain Resistant Louvers	22
AMCA	ANSI/AMCA 210 ASHRAE 51	Laboratory Methods of Testing Fans for Aerodynamic Performance Rating	23 (16)
AMCA	230	Laboratory Methods of Testing Air Circulating Fans for Rating and Certification	22
<u>American National Standards Institute</u>			
ANSI	Z21.1 CSA 1.1	Household Cooking Gas Appliances	18
ANSI	Z21.8	Installation of Domestic Gas Conversion Burners	94 (R17)
<u>American Society of Heating, Refrigerating and Air-Conditioning Engineers</u>			
ASHRAE	15	Safety Standard for Refrigeration Systems	22
ASHRAE	34	Designation and Safety Classification of Refrigerants	22
ASHRAE	62.1	Ventilation for Acceptable Indoor Air Quality	22
ASHRAE	90.1	Energy Standard for Buildings Except Low-Rise Residential Buildings	22
ASHRAE	170	Ventilation of Health Care Facilities	21
ASHRAE	180	Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems	18

Referenced Standards
**Mechanical Code of
New York State**

ASHRAE	ANSI 210-51 AMCA 210-51 ASHRAE 210-51	Laboratory Methods of Testing Fans for Aerodynamic Performance Rating	<u>16</u>
<u>ASHRAE</u>	<u>183</u>	<u>Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings</u>	<u>2007 (RA2020)</u>
ASHRAE	ASHRAE	ASHRAE Handbook of Fundamentals	<u>2021</u>
American Society of Mechanical Engineers			
ASME	A112.4.1	Water Heater Relief Valve Drain Tubes	09 (R19)
ASME	B1.1	Unified Inch Screw Threads, UN and UNR Thread Form	<u>2024</u>
<u>ASME</u>	<u>B1.13M</u>	<u>Metric Screw Threads: M Profile</u>	<u>2020</u>
<u>ASME</u>	<u>B1.20.1</u>	<u>Pipe Threads, General Purpose (Inch)</u>	<u>2023</u>
ASME	B1.20.3	Dryseal Pipe Threads, Inch	<u>2023</u>
ASME	B16.3	Malleable Iron Threaded Fittings, Classes 150 & 300	<u>2021</u>
ASME	B16.5	Pipe Flanges and Flanged Fittings: NPS 1/2 through NPS 24, Metric/Inch Standard	<u>2024</u>
ASME	B16.9	Factory-made Wrought Steel Buttwelding Fittings	<u>2023</u>
ASME	B16.11	Forged Fittings, Socket-welding and Threaded	<u>2021</u>
ASME	B16.15	Cast Alloy Threaded Fittings: Classes 125 and 250	<u>2023</u>
ASME	B16.18	Cast Copper Alloy Solder Joint Pressure Fittings	<u>2023</u>
ASME	B16.22	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings	<u>2023</u>
ASME	B16.24	Cast Copper Alloy Pipe Flanges, Flanged Fittings, And Valves: Classes 150, 300, 600, 900, 1500, and 2500	<u>2021</u>
ASME	B16.26	Cast Copper Alloy Fittings for Flared Copper Tubes	<u>2023</u>
ASME	B16.28	Wrought Steel Buttwelding Short Radius Elbows and Returns	1994
<u>ASME</u>	<u>B16.50</u>	<u>Wrought Copper and Copper Alloy Braze-joint Pressure Fittings</u>	<u>2018</u>
ASME	B16.51	Copper and Copper Alloy Press-connect Pressure Fittings	<u>2018</u>
ASME	B31.5	Refrigeration Piping and Heat Transfer Components	<u>2022</u>
ASME	B31.9	Building Services Piping	<u>2023</u>
ASME	BPVC	ASME Boiler and Pressure Vessel Code (Sections I, II, IV, V, VI and VIII)	<u>2023</u>
ASME	CSD-1	Controls and Safety Devices for Automatically Fired Boilers	<u>2024</u>
American Society of Sanitary Engineering			
ASSE	1017	Performance Requirements for Temperature Actuated Mixing Valves for Hot Water Distribution Systems	2009
ASSE	1061	Performance Requirements for Push-Fit Fittings	<u>2020</u>

Referenced Standards

Mechanical Code of
New York State

ASSE	1079	Performance Requirements for Dielectric Pipe Unions	2012(R2021)
American Society of Safety Professionals			
ASSP	ANSI A359.1 ASSP Z359.1	The Fall Protection Code	2020
American Society for Testing and Materials			
ASTM	A53 A53M	Specifications for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless	2020
ASTM	A105 A105M	Standard Specification for Carbon Steel Forgings for Piping Applications	2021
ASTM	A106 A106M	Specification for Seamless Carbon Steel Pipe for High-Temperature Service	2019a
ASTM	A126	Standard Specification for Gray Iron Castings for Valves, Flanges and Pipe Fittings	04 (R19)
ASTM	A181 A181M	Standard Specification for Carbon Steel Forgings, for General-Purpose Piping	14(2020)
ASTM	A193 A193M	Standard Specification for Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and other Special Purpose Applications	20
ASTM	A234 A234M	Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and High Temperature Service	19
ASTM	A240 A240M	Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet and Strip for Pressure Vessels and for General Applications	20a
ASTM	A254 A254M	Specification for Copper-Brazed Steel Tubing	12(2019)
ASTM	A269 A269M	Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service	15a(2019)
ASTM	A312 A312M	Specification for Seamless, Welded and Heavily Cold Worked Austenitic Stainless Steel Pipes	21
ASTM	A333 A333M	Standard Specification For Seamless and Welded Steel Pipe for Low-Temperature Service and Other Applications with Required Notch Toughness	18
ASTM	A334 A334M	Standard Specification for Seamless and Welded Carbon and Alloy-Steel Tubes for Low-Temperature Service	04a(2021)
ASTM	A395 A395M	Standard Specification for Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures	99(2018)

Referenced Standards
**Mechanical Code of
New York State**

ASTM	A420 A420M	Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Low-Temperature Service	20
ASTM	A536	Standard Specification for Ductile Iron Castings	84(2019)e1
ASTM	A539	Specification for Electric-Resistance-Welded Coiled Steel Tubing for Gas and Fuel Oil Lines	99
ASTM	A707 A707M	Standard Specification for Forged Carbon and Alloy Steel Flanges for Low-Temperature Service	19
ASTM	A778 A778M	Standard Specification for Welded, unannealed Austenitic Stainless Steel Tubular Products	16(2021)
ASTM	B32	Specification for Solder Metal	20
ASTM	B42	Specification for Seamless Copper Pipe, Standard Sizes	20
ASTM	B43	Specification for Seamless Red Brass Pipe, Standard Sizes	20
ASTM	B68 B68M	Specification for Seamless Copper Tube, Bright Annealed	19
ASTM	B75 B75M	Specification for Seamless Copper Tube	20
ASTM	B88	Specification for Seamless Copper Water Tube	20
ASTM	B135 B135M	Specification for Seamless Brass Tube	17
ASTM	B210 B210M	Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes	19a
ASTM	B251 B251M	Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube	2017
ASTM	B280	Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service	20
ASTM	B302	Specification for Threadless Copper Pipe, Standard Sizes	17
ASTM	B361	Standard Specification for Factory-Made Wrought Aluminum and Aluminum-Alloy Welding Fittings	16
ASTM	B491 B491M	Standard Specification for Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications	15
ASTM	B813	Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube	2016
ASTM	B819	Standard Specification for Seamless Copper Tube for Medical Gas Systems	2019
ASTM	B828	Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings	2016

Referenced Standards
**Mechanical Code of
New York State**

ASTM	B1003	Standard Specification for Seamless Copper Tube for Linesets	16
ASTM	C315	Specification for Clay Flue Liners and Chimney Pots	2007(2021)
ASTM	C411	Test Method for Hot-Surface Performance of High-Temperature Thermal Insulation	19
ASTM	D56	Test Method for Flash Point by Tag Closed Cup Tester	21a
ASTM	D93	Test Methods for Flash Point by Pensky-Martens Closed Cup Tester	20
ASTM	D1527	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80	99(2005)
ASTM	D1693	Test Method for Environmental Stress-Cracking of Ethylene Plastics	21
ASTM	D1785	Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120	21a
ASTM	D2235	Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings	2021
ASTM	D2241	Standard Specification for Poly (Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR-Series)	21
ASTM	D2282	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (SDR-PR)	99(2005)
ASTM	D2412	Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading	21
ASTM	D2464	Standard Specification for Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80	15
ASTM	D2466	Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40	21
ASTM	D2467	Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80	20
ASTM	D2564	Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems	20
ASTM	D2657	Standard Practice for Heat Fusion Joining of Polyolefin Pipe and Fittings	2007(2015)
ASTM	D2683	Standard Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing	20
ASTM	D2737	Standard Specification for Polyethylene (PE) Plastic Tubing	21
ASTM	D2846 D2846M	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems	19a
ASTM	D2996	Specification for Filament-Wound Fiberglass (Glass Fiber Reinforced Thermosetting Resin) Pipe	17
ASTM	D3035	Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter	21

Referenced Standards
**Mechanical Code of
New York State**

ASTM	D3261	Specification for Butt Head Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing	2016
ASTM	D3278	Test Methods for Flash Point of Liquids by Small Scale Closed-Cup Apparatus	21
ASTM	D3309	Specification for Polybutylene (PB) Plastic Hot- and Cold-Water Distribution Systems	96a(2002)
ASTM	E84	Standard Test Method for Surface Burning Characteristics of Building Materials	21a
ASTM	E119	Standard Test Methods for Fire Tests of Building Construction and Materials	20
ASTM	E136	Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750 Degrees C	2022
ASTM	E814	Standard Test Method for Fire Tests of Penetration Firestop Systems	2013A(2017)
ASTM	E1509	Specification for Room Heaters, Pellet Fuel-Burning Type	2012(2017)
ASTM	E2231	Standard Practice for Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess Surface Burning Characteristics	21
ASTM	E2336	Standard Test Methods for Fire Resistive Grease Duct Enclosure Systems	20
ASTM	F437	Standard Specification for Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80	21
ASTM	F438	Specification for Socket Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40	2017
ASTM	F439	Standard Specification for Socket Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80	19
ASTM	F441 F441M	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80	20
ASTM	F442 F442M	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR)	20
ASTM	F493	Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings	20
ASTM	F714	Standard Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Outside Diameter	21a
ASTM	F876	Specification for Cross-Linked Polyethylene (PEX) Tubing	20b
ASTM	F877	Specification for Cross-Linked Polyethylene (PEX) Plastic Hot- and Cold-Water Distribution Systems	20
ASTM	F1055	Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Crosslinked Polyethylene (PEX) Pipe and Tubing	2016A

Referenced Standards
**Mechanical Code of
New York State**

ASTM	F1281	Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe	2017(2021)e1
ASTM	F1282	Standard Specification for Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PE) Composite Pressure Pipe	2017
ASTM	F1476	Standard Specification for Performance of Gasketed Mechanical Couplings for Use in Piping Applications	07(2019)
ASTM	F1548	Standard Specification for the Performance of Fittings for Use with Gasketed Mechanical Couplings Used in Piping Applications	2001(2018)
ASTM	F1807	Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps, for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	19
ASTM	F1924	Standard Specification for Plastic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing	19
ASTM	F1960	Standard Specification for Cold-Expansion Fittings with PEX Reinforcing Rings for Use with Cross-Linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing	21
ASTM	F1974	Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Cross-Linked Polyethylene/Aluminum/Cross-Linked Polyethylene Composite Pressure Pipe	09(2020)
ASTM	F2080	Specification for Cold-Expansion Fittings with Metal Compression-Sleeves for Cross-Linked Polyethylene (PEX) Pipe	19
ASTM	F2098	Standard Specification for Stainless Steel Clamps for Securing SDR9 Cross-Linked Polyethylene (PEX) Tubing to Metal Insert and Plastic Insert Fittings	2018
ASTM	F2159	Standard Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	21
ASTM	F2389	Standard Specification for Pressure-Rated Polypropylene Piping Systems	21
ASTM	F2434	Standard Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Cross-Linked Polyethylene/Aluminum/Cross-Linked Polyethylene (PEX-AL-PEX) Tubing	19
ASTM	F2623	Raised temperature (PE-RT) Systems for Non-Potable Water Applications	22
ASTM	F2735	Standard Specification for Plastic Insert Fittings for SDR9 Cross-Linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing	21

Referenced Standards
**Mechanical Code of
New York State**

ASTM	F2769	Standard Specification for Polyethylene of Raised Temperature (PE-RT) Plastic Hot- and Cold-Water Tubing and Distribution Systems	18
ASTM	F2806	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (Metric SDR-PR)	20
ASTM	F2855	Standard Specification for Chlorinated Poly (Vinyl Chloride) /Aluminum/Chlorinate poly (Vinyl Chloride) (CPVC-AL-CPVC) Composite Pressure Tubing	19
ASTM	F3226 F3226M	Standard Specification for Metallic Press-Connect Fittings for Piping and Tubing Systems	19
ASTM	F3253	Standard Specification for Corsslinked Polyethylene (PEX) Tubing with Oxygen Barrier for Hot- and Cold-Water Hydronic Distribution Systems	19
ASTM	F3347	Standard Specification for Metal Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	20a
ASTM	F3348	Standard Specification for Plastic Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	20b
American Welding Society			
AWS	A5.8 A5.8M	Specification for Filler Metals for Brazing and Braze Welding	2019
American Water Works Association			
AWWA	C110 A21.10	Standard for Ductile Iron & Gray Iron Fittings	21
AWWA	C115 A21.15	Standard for Flanged Ductile-Iron Pipe with Ductile Iron or Grey-Iron Threaded Flanges	20
AWWA	C151 A21.51	Ductile-Iron Pipe, Centrifugally Cast	17
AWWA	C153 A21.53	Ductile-Iron Compact Fittings	19
AWWA	C901	Polyethylene (PE) Pressure Pipe and Tubing, 3/4 inc. (19 mm.) through 3 in. (76 mm) for Water Service	20
Consumer Product Safety Commission			
CPSC	CPSC	Title 15 of the Federal Hazardous Substance Act	(2011)

Referenced Standards

Mechanical Code of
New York State

CSA Group			
CSA	ANSI C448 Series CSA C448 Series IGSHPA C448 Series	Design and Installation of Ground Source Heat Pump Systems for Commercial and Residential Buildings	16(R2021)
CSA	B137.1	Polyethylene (PE) Pipe, Tubing and Fittings for Cold-water Pressure Services	23
CSA	B137.2	Polyvinylchloride (PVC) Injection-moulded Gasketed Fittings for Pressure Applications	23
CSA	B137.3	Rigid Polyvinylchloride (PVC) Pipe and Fittings for Pressure Applications	23
CSA	B137.5	Crosslinked Polyethylene (PEX) Tubing Systems for Pressure Applications	23
CSA	B137.6	Chlorinated Polyvinylchloride (CPVC) Pipe, Tubing and Fittings for Hot- and Cold-water Distribution Systems	23
CSA	B137.9	Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure-pipe Systems	23
CSA	B137.10	Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Composite Pressure-Pipe Systems	23
CSA	B137.11	Polypropylene (PP-R & PP-RCT) Pipe and Fittings for Pressure Applications	23
CSA	B137.18	Polyethylene of Raised Temperature Resistance (PE-RT) Tubing Systems for Pressure Applications	23
CSA	C22.2 No. 218.1	Spas, Hot Tubs and Associated Equipment	13(R2017)
CSA	C22.2 No. 236	Heating and Cooling Equipment	15
CSA	CSA FC 1 ANSI FC 1 CSA C22.2 No. 62282-2-110	Fuel Cell Technologies-Part 3-100: Stationary Fuel Cell Power Systems-Safety	21
CSA	CSA FC 1 ANSI FC 1 CSA C22.2 No. 62282-3-100	Fuel Cell Technologies-Part 3-100: Stationary Fuel Cell Power Systems-Safety	21
Department of Labor			
DOL	29 CFR Part 1910.1000	Air Contaminants	(2015)
DOL	29 CFR Part 1910.1025	Toxic and Hazardous Substances	(2015)

Food and Drug Administration			
FDA	FDA Title 15	Federal Hazardous Substances Act	
FDA	FDA Title 21	Code of Federal Regulations, Title 21, Food and Drugs, Chapter 1, Food and Drug Administration, Parts 174-186	
Federal Specifications			
FS	WW-P-325B	Pipe, Bends, traps, Caps and Plugs; Lead (For Industrial Pressure and Soil and Waste Applications)	(1976)
International Code Council			
ICC	IBC	International Building Code	24
ICC	ICC 900 SRCC 300	Solar Thermal System Standard	2020
ICC	ICC 901 SRCC 100	Solar Thermal Collector Standard	2020
ICC	IECC	International Energy Conservation Code®	24
ICC	IFC	International Fire Code®	24
ICC	IFGC	International Fuel Gas Code®	24
ICC	IPC	International Plumbing Code®	24
ICC	IRC	International Residential Code®	24
International Institute of Ammonia Refrigeration			
IIAR	ANSI 2 IIAR 2	Safe Design of Closed-Circuit Ammonia Refrigeration Systems	2021
IIAR	ANSI 3 IIAR 3	Ammonia Refrigeration Valves	2017
IIAR	ANSI 4 IIAR 4	Installation of Closed-Circuit Ammonia Refrigeration Systems	2020
IIAR	ANSI 5 IIAR 5	Startup of Closed-Circuit Ammonia Refrigeration Systems	2019
IIAR	ANSI 6 IIAR 6	Standard for Inspection, Testing, and Maintenance of Closed-Circuit Ammonia Refrigeration Systems	2019
IIAR	ANSI CO2 IIAR CO2	Safety Standard for Closed-Circuit Carbon Dioxide Refrigeration Systems	2021

Manufacturers Standardization Society			
MSS	SP 58	Pipe Hangers and Supports-Materials Design and Manufacture, Selection, Application and Installation	2023
North American Insulation Manufacturers Association			
NAIMA	AH 116	Fibrous Glass Duct Construction Standards	09
National Board of Boiler and Pressure Vessel Inspectors			
NBBI	NBIC	National Board Inspection Code, Part 3 (ANSI/NB23)	2023
National Fire Protection Association			
NFPA	2	Hydrogen Technologies Code	23
NFPA	30A	Code for Motor Fuel Dispensing Facilities and Repair Garages	24
NFPA	31	Standard for the Installation of Oil-Burning Equipment	20
NFPA	37	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines	21
NFPA	58	Liquefied Petroleum Gas Code	23
NFPA	69	Standard on Explosion Prevention Systems	19
NFPA	70	National Electrical Code	23
NFPA	72	National Fire Alarm and Signaling Code	22
NFPA	80	Standard for Fire Doors and Other Opening Protectives	22
NFPA	82	Standard on Incinerators and Waste and Linen Handling Systems and Equipment	19
NFPA	85	Boiler and Combustion Systems Hazards Code	23
NFPA	91	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids	20
NFPA	92	Standard for Smoke Control Systems	21
NFPA	96	Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations	24
NFPA	99	Health Care Facilities Code	24
NFPA	105	Standard for Smoke Door Assemblies and Other Opening Protectives	22
NFPA	211	Standard for the Chimneys, Fireplaces, Vents and Solid Fuel-Burning Appliances	22
NFPA	262	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces	23
NFPA	286	Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth	23

Referenced Standards
**Mechanical Code of
New York State**

NFPA	704	Standard System for the Identification of the Hazards of Materials for Emergency Response	22
NFPA	853	Standard for the Installation of Stationary Fuel Cell Power Systems	20
National Sanitation Foundation			
NSF	NSF/ANSI 14	Plastic Piping System Components and Related Materials	2020
NSF	NSF/ANSI 358-1	Polyethylene Pipe and Fittings for Water-Based Ground-Source "Geothermal" Heat Pump Systems	2021
NSF	NSF/ANSI 358-2	Polypropylene Pipe and Fittings for Water-Based Ground-Source "Geothermal" Heat Pump Systems	2017
NSF	NSF/ANSI 358-3	Cross-Linked Polyethylene (PEX) Pipe and Fittings for Water-Based Ground-Source (Geothermal) Heat Pump Systems	2021
NSF	NSF/ANSI 358-4	Polyethylene (PEX) Pipe and Fittings for Water-Based Ground-Source (Geothermal) Heat Pump Systems	2018
Sheet Metal and Air Conditioning Contractors' National Association			
SMACNA	ANSI 1st Edition SMACNA 1st Edition	Phenolic Duct Construction Standards (ANSI/SMACNA 022-215)	2015
SMACNA	ANSI 2nd Edition SMACNA 2nd Edition	Rectangular Industrial Duct Construction Standards (ANSI/SMACNA 002-2011)	2011
SMACNA	ANSI 3rd Edition SMACNA 3rd Edition	Round Industrial Duct Construction Standards (ANSI/SMACNA 005-2013)	2013
SMACNA	ANSI 4th Edition SMACNA 4th Edition	HVAC Duct Construction Standards-Metal and Flexible (ANSI/SMACNA 006-2020)	2020
SMACNA	SMACNA	Fibrous Glass Duct Construction Standards, 8th Edition	2021
Underwriters Laboratories			
UL	17	Vent or Chimney Connector Dampers for Oil-Fired Appliances—with Revisions through September 2013	2008
UL	103	Factory-built Chimneys for Residential Type and Building Heating Appliances—with Revisions through September 2021	2010
UL	109	Tube Fittings for Flammable and Comustible Fluids, Refrigeration Service and Marine Use0with Revisions through May 2020	1997
UL	127	Factory-Built Fireplaces—with Revisions through February 2020	2011
UL	174	Household Electric Storage Tank Water Heaters-with Revisions through October 2021	2004

Referenced Standards
**Mechanical Code of
New York State**

UL	180	Liquid-Level Indicating Gauges for Oil Burner Fuels and Other Combustible Liquids—with Revisions through August 2021	2019
UL	181	Factory-Made Air Ducts and Air Connectors	2013
UL	181A	Closure Systems for Use with Rigid Air Ducts and Air Connectors—with Revisions through March 2017	2013
UL	181B	Closure Systems for Use with Flexible Air Ducts and Air Connectors—with Revisions through March 2017	2013
UL	197	Commercial Electric Cooking Appliances—with Revisions through January 2018	2010
UL	207	Refrigerant-containing Components and Accessories, nonelectrical—with Revisiosn through August 2021	2009
UL	263	Fire Tests fo Building Construction and Materials—with Revisions through August 2021	2011
UL	268	Smoke Detectors for Fire Alarm Systems—with revisions through July 2016	2016
UL	268A	Smoke Detectors for Duct Application—with Revisions through August 2020	2008
UL	343	Pumps for Oil-Burning Appliances—with Revisions through December 2017	2008
UL	378	Draft Equipment—with Revisions through September 2013	2006
UL	391	Solid-fuel and Combination-fuel Central and Supplementary Furnaces—with Revision through August 2019	2010
UL	412	Refrigeration Unit Coolers—with Revisions through August 2018	2011
UL	427	Standard for Refrigerating Units—with Revisiosn through February 2014	2011
UL	471	Commercial Refrigerators and Freezers—with Revisions through September 2019	2010
UL	474	Standard for Dehumidifiers	2015
UL	484	Standard for Room Air Conditioners—with Revisions through May 2019	2014
UL	499	Standard for Electric Heating Appliances—with Revisions through February 2017	2014
UL	507	Electric Fans—with Revisions through May 2020	2017
UL	508	Industrial Control Equipment—with Revisions through July 2021	2018
UL	536	Flexible Metallic Hose	2021
UL	555	Fire Dampers—with Revisions through October 2020	2006
UL	555C	Ceiling Dampers—with Revisions through January 2021	2014
UL	555S	Smoke Dampers—with Revisions through October 2020	2014
UL	586	High-efficiency, Particulate, Air Filter Units—with Revisions through December 2017	2009

Referenced Standards
**Mechanical Code of
New York State**

UL	641	Type L Low-Temperature Venting Systems—with Revisions through April 2018	2010
UL	705	Power Ventilators—with Revisions through August 2021	2017
UL	710	Exhaust Hoods for Commercial Cooking Equipment-with Revisions through February 2021	2012
UL	710B	Recirculating Systems—with Revisions through February 2019	2011
UL	723	Standard for Test for Surface Burning Characteristics of Building Materials	2018
UL	726	Oil-Fired Boiler Assemblies—with Revisions through October 2013	1995
UL	727	Oil-Fired Central Furnaces	2018
UL	729	Oil-Fired Floor Furnaces—with Revisions through November 2016	2003
UL	730	Oil-Fired Wall Furnaces—with revisions through November 2016	2003
UL	731	Oil-fired Unit Heaters	2018
UL	732	Oil-Fired Storage Tank Water Heaters—with Revisions through August 2018	2018
UL	737	Fireplaces Stoves	2011
UL	762	Outline of Investigation for Power Ventilators for Restaurant Exhaust Appliances	2013
UL	791	Residential Incinerators-with Revisions through February 2021	2006
UL	834	Heating, Water Supply, and Power Boilers—Electric—with Revisions through July 2019	2004
UL	842	Valves for Flammable Fluids	2019
UL	858	Household Electric Ranges—with Revisions through September 2019	2014
UL	864	Control Units and Accessories for Fire Alarm Systems—with Revisions through May 2020	2014
UL	867	Electrostatic Air Cleaners-with Revisions through August 2021	2011
UL	875	Electric Dry-bath Heaters—with Revisions through January 2021	2009
UL	896	Oil-Burning Stoves—with Revisions through November 2016	1993
UL	900	Air Filter Units	2015
UL	907	Fireplace Accessories	2016
UL	921	Standard for Commercial Dishwashers	2020
UL	923	Microwave Cooking Appliances—with Revisions through August 2020	2013
UL	959	Medium Heat Appliance Factory-Built Chimneys—with Revisions through August 2019	2010
UL	971A	Outline of Investigation for Metallic Underground Fuel Pipe	2006
UL	1046	Grease Filters for Exhaust Ducts-with Revisions through April 2017	2010

Referenced Standards
**Mechanical Code of
New York State**

UL	1240	Electric Commercial Clothes-Drying Equipment-with Revisions through September 2021	2005
UL	1261	Electric Water Heaters for Pools and Tubs—with Revisions through September 2017	2016
<u>UL</u>	<u>1369</u>	<u>Aboveground Piping for Flammable and Comubstible Liquids-with Revisions through August 2020</u>	<u>2018</u>
<u>UL</u>	<u>1370</u>	<u>Unvented Alcohol Fuel Burnign Decorative Appliances-with Revisions through March 2016</u>	<u>2011</u>
UL	1453	Electric Booster and Commercial Storage Tank Water Heaters-with Revisions through May 2018	<u>2016</u>
UL	1479	Fire Tests of Penetration Firestops—with Revisions through May 2021	<u>2015</u>
UL	1482	Solid-Fuel Type Room Heaters—with Revisions through February 2020	2011
UL	1563	Electric Spas, Equipment Assemblies, and Associated Equipment—with Revisions through September 2020	2009
UL	1618	Wall Protectors, Floor Protectors, and Hearth Extensions—with Revisions through January 2018	<u>2015</u>
UL	1777	Chimney Liners—with Revisions through April 2019	<u>2015</u>
UL	1812	Ducted Heat Recovery Ventilators-with Revisions through April 2021	2013
UL	1815	Nonducted Heat Recovery Ventilators-with Revisions through April 2021	2012
UL	1820	Fire Test of Pneumatic Tubing for Flame and Smoke Characteristics-with Revisions through July 2017	2004
UL	1887	Fire Tests fo Plastic Sprinkler Pipe for Visible Flame and Smoke Characteristics-with Revisions through October 2021	2004
UL	1978	Grease Ducts-with Revisions through October 2021	2010
UL	1995	Heating and Cooling Equipment-with Revisions through August 2018	<u>2015</u>
UL	1996	Electric Duct Heaters-with Revisions through September 2021	2009
<u>UL</u>	<u>2021</u>	<u>Fixed and Location-Dedicated Electric Room Heaters-with Revisions through December 2016</u>	<u>2015</u>
UL	2024	Cable Routing Assemblies and Communications Raceways-with Revisions through August 2015	<u>2014</u>
UL	2043	Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-handling Spaces-with Revisions through July 2018	<u>2013</u>
UL	2075	Gas and Vapor Detectors and Sensors-with Revisions through August 2021	2013
UL	2158	Electric Chlothes Dryers	<u>2021</u>

Referenced Standards
**Mechanical Code of
New York State**

UL	2158A	Clothes Dryer Transition Duct-with Revisions through October 2021	2013
UL	2162	Commercial Wood-Fired Baking Ovens-Refractory Type-with Revisions through August 2019	2014
UL	2200	Stationary Engine Generator Assemblies	2020
UL	2221	Tests of Fire Resistive Grease Duct Enclosure Assemblies	2010
UL	2518	Air Dispersion Systems-with Revisions through June 2021	2016
UL	2523	Solid Fuel-fired Hydronic Heating Appliances, Water Heaters, and Boilers-with Revisions through March 2018	2009
UL	2790	Standard for Commercial Incinerators-with Revisions through June 2019	2010
UL	2846	Fire Test of Plastic Water Distribution Plumbing Pipe for Visible Flame and Smoke Characteristics-with Revisions through January 2021	2014
UL	8782	Outline of Investigation for Pollution Control Units for Commercial Cooking Operations	2017
UL	UL 60335-2-40 CSA 60335-2-40	Household and Similar Electrical Appliances—Safety—Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers	2022
UL	UL 60335-2-89 CSA 60335-2-89	Household and Similar Electrical Appliances—Safety—Part 2-89: Particular Requirements for Commercial Refrigerating Appliances with an Incorporated or Remote Refrigerant Unit or Compressor	2021

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FUEL GAS CODE REFERENCE STANDARDS

<u>Standards Organization</u>	<u>Number</u>	<u>Name</u>	<u>Version</u>
American Iron and Steel Institute			
AISI	AISI S220	North American Standard for Cold-Formed Steel Nonstructural Framing, 2020 Edition	20
AISI	AISI S240	North American Standard for Cold-Formed Steel Structuring Framing, 2020 Edition	20
American National Standards Institute			
ANSI	ANSI A13.1	Scheme for the Identification of Piping Systems	2020
ANSI	ANSI Z21.1	Household Cooking Gas Appliances	2018
ANSI	ANSI Z21.5.1 CSA 7.1	Gas Clothes Dryers—Volume I—Type 1 Clothes Dryers	2017
ANSI	ANSI Z21.5.2 CSA 7.2	Gas Clothes Dryers—Volume II—Type 2 Clothes Dryers	2016
ANSI	ANSI Z21.13 CSA 4.9	Gas-Fired Low-Pressure Steam and Hot Water Boilers	2017/17
ANSI	ANSI Z21.24 CSA 6.10	Connectors for Gas Appliances	2020/ 15 (R2020)
ANSI	ANSI Z21.40.1 CGA 2.91	Gas-Fired, Heat-Activated Air-Conditioning and Heat Pump Appliances	1996 (R2017)/M96 (R2017)
ANSI	ANSI Z21.40.2 CGA 2.92	Gas-Fired Work Activated Air Conditioning and Heat Pump Appliances (Internal Combustion)	1996 (R2017)/M96 (R2019)
ANSI	ANSI Z21.41 CSA 6.9	Quick Disconnect Devices for Use with Gas Fuel Appliances	(R2019)/2014(R2019)
ANSI	ANSI Z21.60 CSA 2.26	Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces	2017
ANSI	ANSI Z21.69 CSA 6.16	Connectors for Moveable Gas Appliances	2015 (R2020)/15 (R2020)
ANSI	ANSI Z21.75 CSA 6.27	Connectors for Outdoor Gas Appliances and Manufactured Homes	2016 (R2020)
ANSI	ANSI Z21.84	Standard for Manually Lighted, Natural Gas, Decorative Gas Appliances for Installation in Solid-Fuel Burning Appliances	2017

Reference Standards
**Fuel Gas Code of
New York State**

ANSI	ANSI Z21.86 CSA 2.32	Vented Gas-Fired Space Heating Appliances	2016/16
ANSI	ANSI Z21.93 CSA 6.30	Excess Flow Valves for Natural Gas and Propane Gas with Pressures up to 5 Psig	2017/17
ANSI	ANSI Z21.97 CSA 2.41	Outdoor Decorative Appliances	2017
ANSI	ANSI Z83.4 CSA 3.7	Non-Recirculating Direct Gas-Fired Heating and Forced Ventilation Appliances for Commercial and Industrial Application	2017/17
ANSI	ANSI Z83.8 CSA 2.6	Gas Unit Heater, Gas Packaged Heaters, Gas Utility Heaters and Gas-Fired Duct Furnaces	2016/16
ANSI	ANSI Z83.11 CSA 1.8	Gas Food Service Equipment	2016 (R2021) /16 (R2021)
ANSI	ANSI Z83.18	Recirculating Direct Gas-Fired Heating and Forced Ventilation Appliances for Commercial and Industrial Applications	17 (R2021)
ANSI	ANSI Z83.19 CSA 2.35	Gas-Fired High-Intensity Infrared Heaters	2017
ANSI	ANSI Z83.20 CSA 2.34	Gas-Fired Tubular and Low-Intensity Infrared Heaters	2016
ANSI	CSA FC 1 ANSI FC 1 CSA 22.2 No.62282-3-100	Fuel Cell Technologies—Part 3-100: Stationary Fuel Cell Power Systems—Safety	2021/21
ANSI	CSA LC 1 ANSI LC 1 CSA 6.26	Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing	19
ANSI	CSA LC-4 ANSI LC-4 CSA 6.32	Press-Connect Metallic Fittings for Use in Fuel Gas Distribution Systems	23
ANSI	CSA NGV 5.1 ANSI NGV 5.1	Residential Fueling Appliances	2022
ANSI	CSA NGV 5.2 ANSI NGV 5.2	Vehicle Fueling Appliances (VFA)	2022
ANSI	CSA Z21.10.1 ANSI Z21.10.1 CSA 4.1	Gas Water Heaters—Volume I—Storage Water Heaters with Input Ratings of 75,000 Btu per Hour or Less	19

Reference Standards
**Fuel Gas Code of
New York State**

ANSI	CSA Z21.10.3 ANSI Z21.10.3 CSA 4.3	Gas-Fired Water Heaters—Volume III—Storage, Water Heaters with Input Ratings above 75,000 Btu per Hour, Circulating and Instantaneous	2019/19
ANSI	CSA Z21.11.2 ANSI Z21.11.2	Gas-Fired Room Heaters, Volume II, Unvented Room Heaters	19
ANSI	CSA Z21.15 ANSI Z21.15 CSA 9.1	Manually Operated Gas Valves for Appliances, Appliance Connector Valves and Hose End Valves	22
ANSI	CSA Z21.19 ANSI Z21.19 CSA 1.4	Refrigerators Using Gas Fuel	19
ANSI	CSA Z21.42 ANSI Z21.42	Gas-Fired Illuminating Appliances	13 (R2018)
ANSI	CSA Z21.47 ANSI Z21.47 CSA 2.3	Gas-Fired Central Furnaces	21
ANSI	CSA Z21.50 ANSI Z21.50 CSA 2.22	Vented Decorative Gas Fireplaces	19
ANSI	CSA Z21.54 ANSI Z21.54 CSA 8.4	Gas Hose Connectors For Portable Outdoor Gas-Fired Appliances	2019/19
ANSI	CSA Z21.56 ANSI Z21.56 CSA 4.7	Gas-Fired Pool Heaters	19
ANSI	CSA Z21.58 ANSI Z21.58 CSA 1.6	Outdoor Cooking Gas Appliances	22
ANSI	CSA Z21.80 ANSI Z21.80 CSA 6.22	Line Pressure Regulators	19
ANSI	CSA Z21.88 ANSI Z21.88 CSA 2.33	Vented Gas Fireplace Heaters	19

Reference Standards

Fuel Gas Code of
New York State

<u>ANSI</u>	<u>CSA Z21.90</u> <u>ANSI Z21.90</u> <u>CSA 6.24</u>	<u>Gas Convenience Outlets and Optional Enclosures</u>	<u>19</u>
ANSI	CSA Z21.91 ANSI Z21.91	Ventless Firebox Enclosures for Gas-Fired Unvented Decorative Room Heaters	<u>20</u>
ANSI	Z21.8	Installation of Domestic Gas Conversion Burners	<u>94 (R2017)</u>
ANSI	Z21.61	Gas-Fired Toilets	<u>1983 (R2013)</u>
American Society of Mechanical Engineers			
ASME	B1.20.1	Pipe Threads, General Purpose (inch)	<u>2023</u>
ASME	B16.1	Gray Iron Pipe Flanges and Flanged Fittings, Class 25, 125, And 250	<u>2020</u>
ASME	B16.5	Pipe Flanges and Flanged Fittings: NPS 1/2 through NFPS 24, Metric/Inch Standard	<u>2020</u>
<u>ASME</u>	<u>B16.20</u>	<u>Metallic Gaskets for Pipe Flanges: Ring-Joint, Spiral-Wound and Jacketed</u>	<u>2017</u>
<u>ASME</u>	<u>B16.21</u>	<u>Nonmetallic Flat Gaskets for Pipe Flanges</u>	<u>2021</u>
ASME	B16.24	Cast Copper Alloy Pipe Flanges, Flanged Fittings, and Valves: Classes 150, 300, 600, 900, 1500, and 2500	<u>2021</u>
<u>ASME</u>	<u>B16.33</u>	<u>Manually Operated Metallic Gas Valves for Use in Gas Piping Systems up to 125 psig. (Sizes 1/2 through 2)</u>	<u>2022</u>
ASME	B16.42	Ductile Iron Pipe Flanges and Flanged Fittings, Classes 150 and 300	<u>2021</u>
<u>ASME</u>	<u>B16.44</u>	<u>Manually Operated Metallic Gas Valves for Use in Aboveground Piping Systems up to 5 psi</u>	<u>2022</u>
ASME	B16.47	Large Diameter Steel Flanges: NPS 26 through NPS 60, Metric/Inch Standard	<u>2020</u>
<u>ASME</u>	<u>B31.3</u>	<u>Process Piping</u>	<u>2022</u>
<u>ASME</u>	<u>B31.12</u>	<u>Hydrogen Piping and Pipelines</u>	<u>2024</u>
ASME	B36.10M	Welded and Seamless Wrought Steel Pipe	<u>2018</u>
ASME	BPVC	ASME Boiler & Pressure Vessel Code (Sections I, II, IV, V, VI and VIII)	<u>2023</u>
ASME	CSD-1	Controls and Safety Devices for Automatically Fired Boilers	<u>2024</u>
American Society of Safety Professionals			
<u>ASSP</u>	<u>NSI Z359.1</u> <u>ASSP Z359.1</u>	<u>The Fall Protection Code</u>	<u>2020</u>
American Society for Testing and Materials			
ASTM	A53 A53M	Specification for Pipe, Steel, Black and Hot Dipped, Zinc-Coated Welded and Seamless	<u>2022</u>

Reference Standards
**Fuel Gas Code of
New York State**

ASTM	A106 A106M	Specification for Seamless Carbon Steel Pipe for High-Temperature Service	2019a
ASTM	A254 A254M	Specification for Copper-Brazed Steel Tubing	12 (2019)
ASTM	A268 A268M	Standard Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service	2022
ASTM	A269 A269M	Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service	15a (2019)
ASTM	A312 A312M	Standard Specification for Seamless, Welded and Heavily Cold Worked Austenitic Stainless Steel Pipes	21
ASTM	B88	Standard Specification for Seamless Copper Water Tube	20
ASTM	B210 B210M	Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes	19a
ASTM	B241 B241M	Specification for Aluminum and Aluminum-Alloy, Seamless Pipe and Seamless Extruded Tube	2016
ASTM	B280	Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service	20
ASTM	C64	Standard Specification for Refractories for Incinerators and Boilers	72 (1977)
ASTM	C315	Specification for Clay Flue Liners and Chimney Pots	2007 (2021)
ASTM	D2513	Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing and Fittings	20
ASTM	E136	Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750 Degrees C	2022
ASTM	F1973	Standard Specification for Factory Assembled Anodeless Risers and Transition Fittings in Polyethylene (PE) and Polyamide 11 (PA11) and Polyamide 12 (PA12) Fuel Gas Distribution Systems	21
ASTM	F2945	Standard Specification for Polyamide 11 Gas Pressure Pipe, Tubing and Fittings	2018
<u>Compressed Gas Association</u>			
CGA	S-1.1	Pressure Relief Device Standards—Part 1—Cylinders for Compressed Gases	2019
CGA	S-1.2	Pressure Relief Device Standards—Part 2—Portable Tanks for Compressed Gases	2019
CGA	S-1.3	Pressure Relief Device Standards—Part 3—Stationary Storage Containers for Compressed Gases	2020

CSA Group			
CSA	CSA 8	Requirements for Gas-Fired Log Lighters for Wood Burning Fireplaces	93
CSA	CSA FC1 ANSI FC1 CSA C22.2 No. 62282-3-100	Fuel Cell Technologies—Part 3-100: Stationary Fuel Cell Power Systems—Safety	21
CSA	CSA NGV 5.1 ANSI NGV 5.1	Residential Fueling Appliances	22
U.S.Department of Transportation			
DOTn	49 CFR Parts 100–180	Hazardous Materials Regulations	2015
DOTn	49 CFR, Parts 192.281(e) & 192.283 (b)	Transportation of Natural and Other Gas by Pipeline: Minimum Federal Safety Standards	2009
International Code Council			
ICC	IBC	International Building Code®	24
ICC	IECC	International Energy Conservation Code®	24
ICC	IFC	International Fire Code®	24
ICC	IMC	International Mechanical Code®	24
ICC	IPC	International Plumbing Code®	24
ICC	IRC	International Residential Code®	24
Manufacturers Standardization Society			
MSS	ANSI SP- 58	Pipe Hangers and Supports—Materials, Design, Manufacture Selection, Application, and Installation	2023
National Fire Protection Association			
NFPA	2	Hydrogen Technologies Code	23
NFPA	30A	Code for Motor Fuel Dispensing Facilities and Repair Garages	24
NFPA	37	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines	21
NFPA	51	Standard for the Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes	23
NFPA	58	Liquefied Petroleum Gas Code	23
NFPA	70	National Electrical Code	23

Reference Standards
**Fuel Gas Code of
New York State**

NFPA	82	Standard on Incinerators and Waste and Linen Handling Systems and Equipment	19
NFPA	85	Boiler and Combustion Systems Hazards Code	23
NFPA	88A	Standard for Parking Structures	23
NFPA	211	Standard for the Chimneys, Fireplaces, Vents and Solid Fuel-Burning Appliances	22
NFPA	409	Standard on Aircraft Hangars	22
NFPA	853	Standard for the Installation of Stationary Fuel Cell Power Systems	20
Sheet Metal and Air Conditioning Contractors' National Association			
SMACNA	ANSI 006 SMACNA 006	HVAC Duct Construction Standards—Metal and Flexible, 4th Edition	2020
Underwriters Laboratories			
UL	103	Factory-Built Chimneys, Residential Type and Building Heating Appliances—with Revisions through September 2021	2010
UL	127	Factory-Built Fireplaces—with Revisions through February 2020	2011
UL	378	Draft Equipment—with Revisions through September 2013	2006
UL	441	Gas Vents—with Revisions through August 2019	2016
UL	467	Grounding and Bonding Equipment	2013
UL	641	Type L Low-Temperature Venting Systems—with Revisions through April 2018	2010
UL	651	Schedule 40 and Schedule 80, Rigid PVC Conduit and Fittings—with Revisions through March 2019	2011
UL	705	Power Ventilators—with Revisions through August 2021	2017
UL	795	Commercial-Industrial Gas Heating Equipment with Revisions through 2020	2016
UL	959	Medium Heat Appliance Factory-Built Chimneys—with Revisions through August 2019	2010
UL	1618	Wall Protectors, Floor Protectors, and Hearth Extensions—with Revisions through January 2018	2015
UL	1738	Venting Systems for Gas-Burning Appliances, Categories II, III and IV—with Revisions through August 2021	2010
UL	1777	Chimney Liners—with Revisions through April 2019	2015
UL	2158A	Clothes Dryer Transition Duct—with revisions through October 2021	2013
UL	2200	Stationary Engine Generator Assemblies	2020

FIRE CODE REFERENCE STANDARDS

Reference Standards

Fire Code of
New York State

<u>Standard Organization</u>	<u>Number</u>	<u>Name</u>	<u>Version</u>
American Association of State Highway and Transportation Officials			
AASHTO	HB-17	Standard Specifications for Highway Bridges, 17th Edition	2002
Architectural Fabric Structures Institute			
AFSI	ASI	Design and Standards Manual	77
American National Standards Institute			
ANSI	ANSI E1.21	Entertainment Technology: Temporary Structures Used for Technical Production of Outdoor Entertainment Events	2020
American Petroleum Institute			
API	Publ 2201—6th Edition	Procedures for Welding or Hot Tapping on Equipment in Service	2023
API	RP 2009—8th Edition	Safe Welding and Cutting Practices in Refineries, Gas Plants and Petrochemical Plants	2022
API	RP 2028 4th Edition	Flame Arrestors in Piping Systems	2024
API	RP 651—5th Edition	Cathodic Protection of Aboveground Petroleum Storage Tanks	2022
API	RP 752— 4th Edition	Management of Hazards Associated with Location of Process Plant Buildings, CMA Managers Guide	2022
API	RP 1604—4th Edition	Closure of Underground Petroleum Storage Tanks	2021
API	RP 1615—(1996) 6th Edition	Installation of Underground-Petroleum Storage Systems	R2020
API	RP 2001—10th Edition	Fire Protection in Refineries	2022
API	RP 2003—9th Edition	Protection Against Ignitions Arising out of Static, Lightning and Stray Currents	2023
API	RP 2023—4th Edition	Guide for Safe Storage and Handling of Heated Petroleum-Derived Asphalt Products and Crude-Oil Residue	2023
API	Std 653 Addendum 3—5th Edition	Tank Inspection, Repair, Alteration and Reconstruction	2022
API	Std 2000—8th Edition	Venting Atmosphere and Low-Pressure Storage Tanks: Nonrefrigerated and Refrigerated	2023
API	Std 2015—9th Edition	Requirements for Safe Entry and Clearing of Petroleum Storage Tanks	2023
API	Std 2350—5th Edition	Overfill Protection for Storage Tanks in Petroleum Facilities	2021

American Society of Civil Engineers/Structural Engineering Institute

ASCE	ASCE 24 SEI 24	Flood Resistant Design and Construction	14
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American Society of Heating, Refrigerating and Air-Conditioning Engineers

ASHRAE	15	Safety Standard for Refrigeration Systems	2022
ASHRAE	170	Ventilation of Health Care Facilities	2021

American Society of Mechanical Engineers

ASME	A13.1	Scheme for the Identification of Piping Systems	2020
ASME	A17.1 CSA B44	Safety Code for Elevators and Escalators	2022
ASME	A17.3	Safety Code for Existing Elevators and Escalators	2023
ASME	B16.18	Cast Copper Alloy Solder Joint Pressure Fittings	2023
ASME	B16.22	Wrought Copper and Copper Alloy Solder-Joint Pressure Fittings	2023
ASME	B31.1	Power Piping	2022
ASME	B31.3	Process Piping	2022
ASME	B31.4	Pipeline Transportation Systems for Liquids and Slurries	2022
ASME	B31.9	Building Services Piping	2023
ASME	BPVC	ASME Boiler & Pressure Vessel Code (Sections I, II, IV, V, VI and VIII)	2023

American Society of Safety Professionals

ASSP	ANSI Z359.1 ASSP Z359.1	The Fall Protection Code	2020
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American Society for Testing and Materials

ASTM	B42	Specification for Seamless Copper Pipe, Standard Sizes	20
ASTM	B43	Specification for Seamless Red Brass Pipe, Standard Sizes	20
ASTM	B68 B68M	Standard Specification for Seamless Copper Tube, Bright Annealed (Metric)	19
ASTM	B88	Standard Specification for Seamless Copper Water Tube	20
ASTM	B251 B251M	Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube	2017
ASTM	B280	Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service	20

Reference Standards
**Fire Code of
New York State**

ASTM	D56	Test Method for Flash Point by Tag Closed Cup Tester	21a
ASTM	D86	Test Method for Distillation of Petroleum Products and Liquid Fuels at Atmospheric Pressure	20b
ASTM	D92	Test Method for Flash and Fire Points by Cleveland Open Cup Tester	2018
ASTM	D93	Test Methods for Flash Point by Pensky-Martens Closed Up Tester	20
ASTM	D323	Test Method for Vapor Pressure of Petroleum Products (Reid Method)	20a
ASTM	D2859	Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials	2016 (2021)
ASTM	D3278	Test Methods for Flash Point of Liquids by Small Scale Closed-Cup Apparatus	21
ASTM	E84	Standard Test Method for Surface Burning Characteristics of Building Materials	21a
ASTM	E108	Standard Test Methods for Fire Tests of Roof Coverings	20a
ASTM	E648	Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source	19ae1
ASTM	E681	Standard Test Method for Concentration Limits of Flammability of Chemicals (Vapors and Gases)	09 (2015)
ASTM	E1354	Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter	22
ASTM	E1529	Standard Test Method for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies	16e1
ASTM	E1537	Test Method for Fire Testing of Upholstered Furniture	22
ASTM	E1590	Test Method for Fire Testing of Mattresses	2022
ASTM	E1966	Standard Test Method for Fire-Resistant Joint Systems	15 (2019)
ASTM	E2072	Standard Specification for Photoluminescent (Phosphorescent) Safety Markings	14
ASTM	E2404	Standard Practice for Specimen Preparation and Mounting of Textile, Paper or Polymeric (Including Vinyl) and Wood Wall or Ceiling Coverings, Facing and Veneers to Assess Surface Burning Characteristics	17
ASTM	E2573	Standard Practice for Specimen Preparation and Mounting of Site-Fabricated Stretch Systems to Assess Surface Burning Characteristics	19
ASTM	E2579	Standard Practice for Specimen Preparation and Mounting of Wood Products to Assess Surface Burning Characteristics	21

Reference Standards
**Fire Code of
New York State**

ASTM	E3082	Standard Test Methods for Determining the Effectiveness of Fire-Retardant Treatments for Natural Christmas Trees	20
ASTM	F1085	Standard Specification for Mattress and Box Springs for Use in Berths in Marine Vessels	19
ASTM	F2006	Standard/Safety Specification for Window Fall Prevention Devices for Non-Emergency Escape (Egress) and Rescue (Ingress) Windows	21
ASTM	F2090	Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms	21
ASTM	F2200	Standard Specification for Automated Vehicular Gate Construction	20
ASTM	F2374	Standard Practice for Design, Manufacture, Operation, and Maintenance of Inflatable Amusement Devices	19

Builders Hardware Manufacturers' Association

BHMA	A156.10	Power-Operated Pedestrian Doors	2022
BHMA	A156.19	Power Assist and Low-Energy Power-Operated Doors	2019
BHMA	A156.27	Power- and Manual-Operated Revolving Pedestrian Doors	2019
BHMA	A156.38	Low-Energy Power-Operated Sliding and Folding Doors	2019

State of California Department of Consumer Affairs

CA	California Technical Bulletin 129	Flammability Test Procedure for Mattresses for Use in Public Buildings	1992
CA	California Technical Bulletin 133	Flammability Test Procedure for Seating Furniture for Use in Public Occupancies	1991

Compressed Gas Association

CGA	ANSI G-13 CGA G-13	Storage and Handling of Silane and Silane Mixtures	2015
CGA	ANSI P-18 CGA P-18	Standard for Bulk Inert Gas Systems	2018
CGA	C-7	Guide to Classification and Labeling of Compressed Gases	2020
CGA	P-1	Standard for Safe Handling of Compressed Gases in Containers	2015
CGA	S-1.1	Pressure Relief Device Standards—Part 1—Cylinders for Compressed Gases	2019
CGA	S-1.2	Pressure Relief Device Standards—Part 2—Portable Containers for Compressed Gases	2019
CGA	S-1.3	Pressure Relief Device Standards—Part 3—Stationary Storage Containers for Compressed Gases	2020
CGA	V-1	Standard for Compressed Gas Cylinder Valve Outlet and Inlet Connections	2021

Coast Guard Regulations

CGR	46 CFR Parts 30, 32, 35 & 39	Shipping	1999
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Consumer Product Safety Commission

CPSC	16 CFR Part 1500	Hazardous Substances and Articles; Administration and Enforcement Regulations	2009
CPSC	16 CFR Part 1500.41	Method for Testing Primary Irritant Substances	2009
CPSC	16 CFR Part 1500.42	Test for Eye Irritants	2009
CPSC	16 CFR Part 1500.44	Method for Testing Extremely Flammable and Flammable Solids	2009
CPSC	16 CFR Part 1507	Fireworks Devices	2002
CPSC	16 CFR Part 1630	Standard for the Surface Flammability of Carpets and Rugs	2007

CSA Group

CSA	ANSI Z21.69 CSA 6.16	Connectors for Moveable Gas Appliances	2015 (R2020) / R2020
CSA	ANSI Z83.26 CSA 2.37	Gas-Fired Outdoor Infrared Patio Heaters	2014/14
CSA	CSA FC1 ANSI FC1 CSA C22.2 No 62282-2-100	Fuel Cell Technologies—Part 3-100: Stationary Fuel Cell Power Systems—Safety	21
CSA	CSA-NGV-2/ANSI-NGV-2	Compressed Natural Gas Vehicle Fuel Containers	16
CSA	CSA NGV 5.1 ANSI NGV 5.1	Residential Fueling Appliances	22
CSA	CSA NGV 5.2 ANSI NGV 5.2	Vehicle Fueling Appliances (VFA)	2022

U.S. Department of Commerce

DOC	16 CFR Part 1632	Standard for the Flammability of Mattress and Mattress Pads (FF 4-72, Amended)	2015
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U.S. Department of Labor

DOL	29 CFR Part 1910.1000	Air Contaminants	2015
DOL	29 CFR Part 1910.1200	Hazard Communication	2015

U.S. Department of Transportation

DOTn	33 CFR Part 154	Facilities Transferring Oil or Hazardous Material in Bulk	2015
DOTn	33 CFR Part 155	Oil or Hazardous Material Pollution Prevention Regulations for Vessels	2015
DOTn	33 CFR Part 156	Oil and Hazardous Material Transfer Operations	2015
DOTn	49 CFR Part 172	Hazardous Materials Tables, Special Provisions, Hazardous Materials Communications, Emergency Response Information and Training Requirements	2015
DOTn	49 CFR Part 173	Shippers—General Requirements for Shipments and Packagings	2009
DOTn	49 CFR Part 173.137	Shippers—General Requirements for Shipments and Packagings: Class 8—Assignment of Packing Group	2009
DOTn	49 CFR Part 173.192	Packaging for Certain Toxic Gases in Hazard Zone A	2006
DOTn	49 CFR Part 178	Specifications for Packagings	2015
DOTn	49 CFR Parts 100–185	Hazardous Materials Regulations	2015

U.S. Department of Treasury

DOTy	27 CFR Part 555	Commerce in Explosives, as amended through April 1, 1998	2015
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European Committee for Standardization

CEN	EN 1081	Resilient Floor Coverings—Determination of the Electrical Resistance	1998
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Federal Communications Commission

FCC	47 CFR Part 90.219	Private Land Mobile Radio Services—Use of Signal Boosters	2014
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Factory Mutual

FM	4430	Approval Standard for Heat and Smoke Vents	2012
FM	ANSI 4996 FM 4996	Approval Standard for Classification of Pallets and Other Material Handling Products as Equivalent to Wood Pallets	2019

International Code Council

ICC	IBC	International Building Code®	24
ICC	ICC 300	Standard on Bleachers, Folding and Telescopic Seating and Grandstands	2017
ICC	ICC 500	ICC/NSSA Standard on the Design and Construction of Storm Shelters	2020
ICC	ICC A117.1	Accessible and Usable Buildings and Facilities	2017
ICC	IEBC	International Existing Building Code®	24
ICC	IFGC	International Fuel Gas Code®	24
ICC	IMC	International Mechanical Code®	24
ICC	IPC	International Plumbing Code®	24
ICC	IPMC	International Property Maintenance Code®	24

Reference Standards
**Fire Code of
New York State**

ICC	IRC	International Residential Code®	24
ICC	IWUIC	International Wildland-Urban Interface Code®	24
<u>International Institute of Ammonia Refrigeration</u>			
IIAR	ANSI 2 IIAR 2	Safe Design of Closed-Circuit Ammonia Refrigeration Systems	2021
IIAR	ANSI 6 IIAR 6	Standard for Inspection, Testing, and Maintenance of Closed-Circuit Ammonia Refrigeration Systems	2019
IIAR	ANSI 7 IIAR 7	Developing Operating Procedures for Closed-Circuit Ammonia Refrigeration Systems	2019
IIAR	ANSI 8 IIAR 8	Decommissioning of Closed-Circuit Ammonia Refrigeration Systems	2020
IIAR	ANSI 9 IIAR 9	Minimum System Safety Requirements for Existing Closed-Circuit Ammonia Refrigeration Systems	2020
IIAR	ANSI/IIAR CO2-2021	Safety Standard for Closed-Circuit Carbon Dioxide Refrigeration Systems	2021
<u>International Kitchen Exhaust Cleaning Association</u>			
IKECA	ANSI C10 IKECA C10	Standard for the Methodology for Cleaning Commercial Kitchen Exhaust Systems	2021
<u>International Organization for Standardization</u>			
ISO	ISO 8115	Cotton Bales - Dimensions and Density	86
<u>National Electrical Manufacturer's Association</u>			
NEMA	250	Enclosures for Electrical Equipment (1,000 Volt Maximum)	2020
<u>National Fire Protection Association</u>			
NFPA	2	Hydrogen Technologies Code	23
NFPA	4	Standard for Integrated Fire Protection and Life Safety System Testing	24
NFPA	10	Standard for Portable Fire Extinguishers	22
NFPA	11	Standard for Low-, Medium-, and High-Expansion Foam	21
NFPA	12	Standard on Carbon Dioxide Extinguishing Systems	22
NFPA	12A	Standard on Halon 1301 Fire Extinguishing Systems	22
NFPA	13	Standard for the Installation of Sprinkler Systems	22
NFPA	13D	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	22
NFPA	13R	Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies	22

Reference Standards
**Fire Code of
New York State**

NFPA	14	Standard for the Installation of Standpipe and Hose Systems	24
NFPA	15	Standard for Water Spray Fixed Systems for Fire Protection	22
NFPA	17	Standard for Dry Chemical Extinguishing Systems	21
NFPA	17A	Standard for Wet Chemical Extinguishing Systems	21
NFPA	20	Standard for the Installation of Stationary Pumps for Fire Protection	22
NFPA	22	Standard for Water Tanks for Private Fire Protection	23
NFPA	24	Standard for Installation of Private Fire Service Mains and Their Appurtenances	22
NFPA	25	Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems	23
NFPA	30	Flammable and Combustible Liquids Code	24
NFPA	30A	Code for Motor Fuel Dispensing Facilities and Repair Garages	24
NFPA	30B	Code for the Manufacture and Storage of Aerosol Products	23
NFPA	31	Standard for the Installation of Oil-Burning Equipment	20
NFPA	32	Standard for Drycleaning Facilities	21
NFPA	33	Standard for Spray Application Using Flammable or Combustible Materials	21
NFPA	34	Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids	21
NFPA	35	Standard for the Manufacture of Organic Coatings	21
NFPA	40	Standard for the Storage and Handling of Cellulose Nitrate Film	22
NFPA	45	Standard on Fire Protection for Laboratories Using Chemicals	24
NFPA	51	Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes	23
NFPA	52	Vehicular Natural Gas Fuel System Code	24
NFPA	55	Compressed Gases and Cryogenic Fluids Code	23
NFPA	56	Standard for Fire and Explosion Prevention during Cleaning and Purging of Flammable Gas Piping Systems	23
NFPA	58	Liquefied Petroleum Gas Code	24
NFPA	59A	Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG)	23
NFPA	61	Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities	20
NFPA	68	Standard on Explosion Protection by Deflagration Venting	23
NFPA	69	Standard on Explosion Prevention Systems	19
NFPA	70	National Electrical Code	23

Reference Standards
**Fire Code of
New York State**

NFPA	72	National Fire Alarm and Signaling Code	22
NFPA	76	Standard for the Fire Protection of Telecommunications Facilities	20
NFPA	77	Recommended Practice on Static Electricity	24
NFPA	80	Standard for Fire Doors and Other Opening Protectives	22
NFPA	85	Boiler and Combustion Systems Hazards Code	23
NFPA	86	Standard for Ovens and Furnaces	23
NFPA	92	Standard for Smoke Control Systems	21
NFPA	96	Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations	24
NFPA	99	Health Care Facilities Code	24
NFPA	101	Life Safety Code	24
NFPA	105	Standard for Smoke Door Assemblies and Other Opening Protectives	22
NFPA	110	Standard for Emergency and Standby Power Systems	22
NFPA	111	Standard on Stored Electrical Energy Emergency and Standby Power Systems	22
NFPA	120	Standard for Fire Prevention and Control in Coal Mines	20
NFPA	160	Standard for the Use of Flame Effects Before an Audience	21
NFPA	170	Standard for Fire Safety and Emergency Symbols	21
NFPA	204	Standard for Smoke and Heat Venting	21
NFPA	232	Standard for the Protection of Records	22
NFPA	241	Standard for Safeguarding Construction, Alteration and Demolition Operations	22
NFPA	253	Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source	23
NFPA	260	Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture	24
NFPA	261	Standard Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes	23
NFPA	265	Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile or Expanded Vinyl Wall Coverings on Full Height Panels and Walls	23
NFPA	286	Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth	24
NFPA	289	Standard Method of Fire Test for Individual Fuel Packages	23
NFPA	303	Fire Protection Standard for Marinas and Boatyards	21

Reference Standards

Fire Code of
New York State

NFPA	318	Standard for the Protection of Semiconductor Fabrication Facilities	22
NFPA	326	Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair	20
NFPA	385	Standard for Tank Vehicles for Flammable and Combustible Liquids	22
NFPA	400	Hazardous Materials Code	22
NFPA	407	Standard for Aircraft Fuel Servicing	22
NFPA	409	Standard on Aircraft Hangars	22
NFPA	410	Standard on Aircraft Maintenance	20
NFPA	484	Standard for Combustible Metals	22
NFPA	495	Explosive Materials Code	23
NFPA	498	Standard for Safe Havens and Interchange Lots for Vehicles Transporting Explosives	23
NFPA	505	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations	24
NFPA	652	Standard on the Fundamentals of Combustible Dust	19
NFPA	654	Standard for Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids	20
NFPA	655	Standard for the Prevention of Sulfur Fires and Explosions	19
NFPA	664	Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities	20
NFPA	701	Standard Methods of Fire Tests for Flame Propagation of Textiles and Films	23
NFPA	703	Standard for Fire Retardant-Treated Wood and Fire-Retardant Coatings for Building Materials	24
NFPA	704	Standard System for the Identification of the Hazards of Materials for Emergency Response	22
NFPA	750	Standard on Water Mist Fire Protection Systems	23
NFPA	770	Standard on Hybrid (Water and Inert Gas) Fire-Extinguishing Systems	21
NFPA	780	Standard for the Installation of Lightning Protection Systems	23
NFPA	853	Standard for the Installation of Stationary Fuel Cell Power Systems	20
NFPA	855	Standard for the Installation of Stationary Energy Storage Systems	20
NFPA	914	Code for the Protection of Historic Structures	23
NFPA	1122	Code for Model Rocketry	18
NFPA	1123	Code for Fireworks Display	22

Reference Standards
**Fire Code of
New York State**

NFPA	1124	Code for the Manufacture, Transportation, Storage, and Retail Sales of Fireworks and Pyrotechnic Articles	06
NFPA	1124	Code for the Manufacture, Transportation, and Storage of Fireworks and Pyrotechnic Articles	22
NFPA	1125	Code for the Manufacture of Model Rocket and High-Power Rocket Motors	22
NFPA	1126	Standard for the Use of Pyrotechnics Before a Proximate Audience	21
NFPA	1127	Code for High-Power Rocketry	18
NFPA	1142	Standard on Water Supplies for Suburban and Rural Firefighting	22
NFPA	1225	Standard for Emergency Services Communications	22
NFPA	1402	Guide to Building Fire Service Training Centers	19
NFPA	1403	Standard on Live Fire Trainig Evaluations	18
NFPA	2001	Standard on Clean Agent Fire Extinguishing Systems	22
NFPA	2010	Standard for Fixed Aerosol Fire-Extinguishing Systems	20
<u>Underwriters Laboratories</u>			
UL	10C	Positive Pressure Fire Tests of Door Assemblies—with Revisions through May 2021	2016
UL	30	Metal Safety Cans—with Revisions through September 2019	1999
UL	58	Steel Underground Tanks for Flammable and Combustible Liquids	2018
UL	80	Steel Tanks for Oil-Burner Fuels and Other Combustible Liquids—with Revisions through April 2019	2007
UL	87A	Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent—with Revisions through September 2019	2015
UL	142	Steel Aboveground Tanks for Flammable and Combustible Liquids—with Revisions through January 2021	2006
UL	142A	Special Purpose Aboveground Tanks for Specific Flammable or Combustible Liquids	2018
UL	199E	Outline of Investigation for Fire Testing of Sprinklers and Water Spray Nozzles for Protection of Deep Fat Fryers	2004
UL	217	Smoke Alarms—with Revisions through April 2021	2015
UL	268	Smoke Detectors for Fire Alarm Systems—with revisions through October 2019	2016
UL	294	Access Control System Units—with Revisions through October 2018	2018

Reference Standards

Fire Code of
New York State

UL	300	Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment	2019
UL	300A	Outline of Investigation for Extinguishing System Units for Residential Range Top Cooking Surfaces	2006
UL	305	Panic Hardware—with Revisions through March 2017	2012
UL	325	Door, Drapery, Gate, Louver and Window Operators and Systems—with Revisions through February 2020	2017
UL	498A	Current Taps and Adaptors—with Revisions through June 2016	2008
UL	499	Standard for Electric Heating Appliances—with Revisions through February 2017	2014
UL	647	Standard for Unvented Kerosene-Fired Room Heaters and Portable Heaters—with Revisions through April 2010	1993
UL	710	Exhaust Hoods for Commercial Cooking Equipment—with Revisions through February 2021	2012
UL	710B	Recirculating Systems—with Revisions through February 2019	2011
UL	723	Standard for Test for Surface Burning Characteristics of Building Materials	2018
UL	790	Standard Test Methods for Fire Tests of Roof Coverings—with Revisions through October 2018	2004
UL	791	Residential Incinerators—with Revisions through February 2021	2006
UL	793	Automatically Operated Roof Vents for Smoke and Heat—with Revisions through March 2017	2008
UL	817	Standard for Cord Sets and Power-Supply Cords—with Revisions through September 2021	2015
UL	864	Control Units and Accessories for Fire Alarm Systems—with Revisions through May 2020	2014
UL	900	Air Filter Units	2015
UL	924	Standard for Emergency Lighting and Power Equipment—with Revisions through May 2020	2016
UL	962A	Furniture Power Distribution Units (with revisions through September 1, 2020)	2018
UL	971A	Outline of Investigation for Metallic Underground Fuel Pipe	2006
UL	1034	Burglary-Resistant Electric Locking Mechanisms—with Revisions through June 2020	2011
UL	1037	Antitheft Alarms and Devices—with Revisions through September 2017	2016
UL	1046	Grease Filters for Exhaust Ducts—with Revisions through April 2017	2010
UL	1275	Flammable Liquid Storage Cabinets	2021

Reference Standards

Fire Code of
New York State

UL	1313	Nonmetallic Safety Cans for Petroleum Products	2015
UL	1315	Safety for Metal Waste Paper Containers	2017
UL	1316	Fibre Reinforced Underground Tanks for Flammable and Combustible Liquids—with Revisions through March 2019	2018
UL	1363	Relocatable Power Taps	2018
UL	1363A	Outline of Investigation for Special Purpose Relocatable Power Taps	2014
UL	1369	Aboveground Piping for Flammable and Combustible Liquids—with Revisions through August 2020	2018
UL	1389	Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations—with Revisions through October 2020	2019
UL	1489	Fire Tests of Fire Resistant Pipe Protection Systems Carrying Combustible Liquids—with Revisions through October 2021	2016
UL	1741	Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources—with Revisions through June 2021	2010
UL	1778	Uninterruptible Power Systems—with Revisions through October 2017	2014
UL	1805	Laboratory Hoods and Cabinets—with Revisions through June 2006	2002
UL	1973	Batteries for Use in Stationary, Vehicle Auxiliary Power and Light Electric Rail (LER) Applications	2018
UL	1974	Evaluation for Repurposing Batteries	2018
UL	1975	Fire Tests for Foamed Plastics Used for Decorative Purpose	2006
UL	1994	Luminous Egress Path Marking Systems—with Revisions through July 2020	2015
UL	2011	Outline of Investigation for Machinery—with Revisions through October 2020	2019
UL	2017	General-Purpose Signaling Devices and Systems—with Revisions through December 2016	2008
UL	2034	Single and Multiple Station Carbon Monoxide Alarms—with Revisions through September 2018	2017
UL	2075	Gas and Vapor Detectors and Sensors—with Revisions through August 2021	2013
UL	2079	Tests for Fire Resistance of Building Joint Systems—with Revisions through July 2020	2015

Reference Standards

Fire Code of
New York State

UL	2085	Protected Aboveground Tanks for Flammable and Combustible Liquids—with Revisions through September 2010	1997
UL	2152	Special Purpose Nonmetallic Containers and Tanks for Specific Combustible or Noncombustible Liquids	2021
UL	2196	Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables—with Revisions through December 2020	2017
UL	2200	Stationary Engine Generator Assemblies	2020
UL	2201	Standard for Carbon Monoxide (CO) Emission Rate of Portable Generators	2018
UL	2208	Solvent Distillation Units—with Revisions through June 2020	2010
UL	2245	Below-Grade Vaults for Flammable Liquid Storage Tanks	2006
UL	2272	Electrical Systems for Personal E-Mobility Devices	2016
UL	2335	Fire Tests of Storage Pallets—with Revisions through August 2017	2010
UL	2360	Test Methods for Determining the Combustibility Characteristics of Plastics Used in Semi-Conductor Tool Construction—with Revisions through October 2017	2000
UL	2524	In-Building 2-Way Emergency Radio Communication Enhancement Systems—with Revisions through February 2019	2019
UL	2525	Standard for Two-Way Emergency Communications Systems for Rescue Assistance	2020
UL	2849	Electrical Systems for eBikes	2020
UL	3741	Standard for Safety for Photovoltaic Hazard Control	2020
UL	8800	Standard for Horticultural Lighting Equipment And Systems	2019
UL	9540	Standard for Energy Storage Systems and Equipment—with Revisions through April 2021	2020
UL	9540A	Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems	2019
UL	60601-1	Medical Electrical Equipment, Part I: General Requirements for Safety—with Revisions through April 2006	2003
UL	60950-1	Information Technology Equipment—Safety Requirements—with Revisions through May 2019	2007
UL	62368-1	Audio/video, Information and Communication Technology Equipment—Safety Requirements—with Revisions through October 2021	2019

United States Code			
USC	USC Part 1, Chapter 40	Importation, Manufacture, Distribution and Storage of Explosive Materials	18
USC	USC Chapter 9	United States Food, Drug and Cosmetic Act	21

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PROPERTY MAINTENANCE CODE REFERENCE STANDARDS

Referenced Standards
**Property Maintenance Code of
New York State**

Standards Organizations	Number	Name	Version
American Society of Mechanical Engineers			
ASME	ASME A17.1 CSA B44	Safety Code for Elevators and Escalators	2022
ASME	ASME A17.3	Safety Code for Existing Elevators and Escalators	2020
American Society for Testing and Materials			
ASTM	F1346	Standard Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas, and Hot Tubs	1991 (2018)
International Code Council			
ICC	IBC	International Building Code	24
ICC	ICC 500	ICC/NSSA Standard for the Design and Construction of Storm Shelters	2020
ICC	IEBC	International Existing Building Code	24
ICC	IECC	International Energy Conservation Code	24
ICC	IFC	International Fire Code	24
ICC	IFGC	International Fuel Gas Code	24
ICC	IMC	International Mechanical Code	24
ICC	IPC	International Plumbing Code	24
ICC	IRC	International Residential Code	24
ICC	IZC	International Zoning Code	24
National Fire Protection Association			
NFPA	10	Standard for Portable Fire Extinguishers	22
NFPA	12	Standard on Carbon Dioxide Extinguishing Systems	22
NFPA	12A	Standard on Halon 1301 Fire Extinguishing Systems	22
NFPA	17	Standard for Dry Chemical Extinguishing Systems	2021
NFPA	17A	Standard for Wet Chemical Extinguishing Systems	2021
NFPA	25	Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems	23
NFPA	70	National Electrical Code	23
NFPA	72	National Fire Alarm and Signaling Code	22
NFPA	80	Standard for Fire Doors and Other Opening Protectives	22
NFPA	105	Standard for Smoke Door Assemblies and Other Opening Protectives	22

Referenced Standards**Property Maintenance Code of
New York State**

NFPA	204	Standard for Smoke and Heat Venting	<u>21</u>
NFPA	750	Standard on Water Mist Fire Protection Systems	<u>23</u>
NFPA	2001	Standard on Clean Agent Fire Extinguishing Systems	<u>22</u>
<u>Underwriters Laboratories</u>			
UL	268	Smoke Detectors for Fire Alarm Systems-with revisions through July 2016	<u>2016</u>

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EXISTING BUILDING CODE REFERENCE STANDARDS

Referenced Standards
**Existing Building Code of
New York State**

Standards Organizations	Number	Name	Version
American Concrete Institute			
<u>ACI</u>	<u>562</u>	<u>Assessment, Repair, and Rehabilitation of Existing Concrete Structures-Code Requirements</u>	<u>21</u>
American Society of Civil Engineers			
ASCE	7	Minimum Design Loads and Associated Criteria for Buildings and Other Structures	<u>22</u>
ASCE	41	Seismic Evaluation and Retrofit of Existing Buildings	17
American Society of Heating, Refrigerating and Air-Conditioning Engineers			
ASHRAE	62.1	Ventilation for Acceptable Indoor Air Quality	<u>22</u>
American Society of Mechanical Engineers			
ASME	A17.1 CSA B44	Safety Code for Elevators and Escalators	<u>22</u>
ASME	A17.3	Safety Code for Existing Elevators and Escalators	<u>23</u>
ASME	A18.1	Safety Standard for Platform Lifts and Stairway Chair Lifts	<u>23</u>
American Society for Testing and Materials			
ASTM	C94 C94M	Standard Specification for Ready-Mixed Concrete	<u>21b</u>
ASTM	E108	Standard Test Methods for Fire Tests of Roof Coverings	<u>20a</u>
ASTM	E136	Standard Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750 Degrees C	<u>22</u>
ASTM	F2006	Standard Safety Specification for Window Fall Prevention Devices for Non-Emergency Escape (Egress) and Rescue (Ingress) Windows	<u>21</u>
ASTM	F2090	Specification for Window Fall Prevention Devices with Emergency (Egress) Release Mechanisms	<u>21</u>
International Code Council			
ICC	IBC	International Building Code	<u>24</u>
ICC	ICC 300	ICC/NSSA Standard for the Design and Construction of Storm Shelters	<u>23</u>
ICC	ICC A117.1	International Existing Building Code	<u>17</u>
ICC	ICC 500 NSSA 500	International Energy Conservation Code	<u>20</u>
<u>ICC</u>	<u>ICCPC</u>	<u>ICC Performance Code</u>	<u>24</u>

Referenced Standards
**Existing Building Code of
New York State**

ICC	IECC	International Energy Conservation Code	24
ICC	IFC	International Fire Code	24
ICC	IFGC	International Fuel Gas Code	24
ICC	IMC	International Mechanical Code	24
ICC	IPC	International Plumbing Code	24
ICC	IPMC	International Property Maintenance Code	24
ICC	IRC	International Residential Code	24

National Fire Protection Association

NFPA	13R	Standard for the Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height	19
NFPA	70	National Electrical Code	23
NFPA	72	National Fire Alarm and Signaling Code	22
NFPA	99	Health Care Facilities Code	24
NFPA	101	Life Safety Code	24

Underwriters Laboratories

UL	790	Standard Test Methods for Fire Tests of Roof Coverings-with Revisions through October 2018	4
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