

## CHAPTER 10

# REFERENCED STANDARDS

This chapter lists the standards that are referenced in various sections of this document. The standards are listed herein by the promulgating agency of the standard, the standard identification, the effective date and title, and the section or sections of this document that reference the standard. The application of the referenced standards shall be as specified in Section 107.

\*Denotes standards that are incorporated by reference into Title 19 NYCRR Part 1240.

**AAMA**  
 American Architectural Manufacturers Association  
 1827 Walden Office Square  
 Suite 104  
 Schaumburg, IL 60173-4268

Standard reference number	Title	Referenced in code section number
101/I.S.2-97	Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors . . . . .	402.4.2, 802.3.1
101/I.S.2/NAFS-02	Voluntary Performance Specifications for Windows, Skylights and Glass Doors . . . . .	402.4.2, 802.3.1

**AMCA**  
 Air Movement and Control Association International  
 30 West University Drive  
 Arlington Heights, IL 60004-1806

Standard reference number	Title	Referenced in code section number
500-D-98	Laboratory Methods for Testing Dampers for Rating . . . . .	802.3.4

**ANSI**  
 American National Standards Institute  
 25 West 43rd Street – 4th Floor  
 New York, NY 10036

Standard reference number	Title	Referenced in code section number
Z21.10.3-98	Gas Water Heaters—Volume III—Storage Water Heaters with Input Ratings Above 75,000 Btu Per Hour, Circulating and Instantaneous with Addenda Z21.10.3a-99 . . . . .	Table 804.2
Z21.13-99	Gas-Fired Low Pressure Steam and Hot Water Boilers . . . . .	Table 803.2.2(5)
Z21.47-00	Gas-Fired Central Furnaces—with Addenda Z21.47a-2000 . . . . .	Table 803.2.2(4)
Z83.8-96	Gas Unit Heaters with Addenda Z83.8a-1997 . . . . .	Table 803.2.2(4)
Z83.9-96	Gas Fired Duct Furnaces . . . . .	Table 803.2.2(4)

**ARI**  
 Air Conditioning Refrigeration Institute  
 4100 North Fairfax Drive  
 Suite 200  
 Arlington, VA 22203

Standard reference number	Title	Referenced in code section number
210/240-94	Unitary Air-Conditioning and Air-Source Heat Pump Equipment . . . . .	Table 803.2.2(1), Table 803.2.2(2)
310/380-93	Standard for Packaged Terminal Air-Conditioning and Heat Pumps . . . . .	Table 803.2.2(3)
325-98	Ground Water-Source Heat Pumps . . . . .	Table 802.2.2(2)
340/360-2000	Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment . . . . .	Table 803.2.2(1), Table 803.2.2(2)
365-94	Commercial and Industrial Unitary Air-Conditioning Condensing Units . . . . .	Table 803.3.2(1)

**REFERENCED STANDARDS**

**ARI—continued**

460-94	Remote Mechanical-Draft Air-Cooled Refrigerant Condensers . . . . .	Table 803.3.2(6)
550/590-98	Water Chilling Packages Using the Vapor Compression Cycle w/Addenda . . . . .	Table 803.3.2(2)
560-92	Absorption Water Chilling Packages . . . . .	Table 803.3.2(2)
13256-1(1998)	Water-source Heat Pumps—Testing and Rating for Performance— Part 1: Water-to-Air and Brine-to-Air Heat Pumps . . . . .	Table 803.2.2(2)

**ASHRAE**  
 American Society of Heating, Refrigerating  
 and Air-Conditioning Engineers, Inc.  
 1791 Tullie Circle, NE  
 Atlanta, GA 30329-2305

Standard reference number	Title	Referenced in code section number
*119-88 (Reaffirmed 1994)	Air Leakage Performance for Detached Single-Family Residential Buildings . . . . .	Table 404.5.2(1)
146-98	Testing and Rating Pool Heaters . . . . .	Table 804.2
13256-1 (1998)	Water-Source Heat Pumps—Testing and Rating for Performance— Part 1: Water-to-Air and Brine-to-Air Heat Pumps . . . . .	Table 803.2.2(2)
*90.1-2001	Energy Standard for Buildings Except Low-Rise Residential Buildings . . . . .	801.1, 801.2, 802.1, 802.2, Table 802.2(3)
*ASHRAE-2001	ASHRAE Handbook of Fundamentals - 2001 . . . . .	402.1.3, Table 404.5.2(1), 803.2.1
*ASHRAE-2000	ASHRAE HVAC Systems and Equipment Handbook - 2000 . . . . .	803.2.1
*ASHRAE-152-2004	Method of Test for Determining the Design and Seasonal Efficiencies of Residential Thermal Distribution Systems . . . . .	403.2.4

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

Standard reference number	Title	Referenced in code section number
PTC 4.1 - 1964	Steam Generating Units . . . . .	Table 803.2.2(5)

**ASTM**  
 ASTM International  
 100 Bar Harbor Drive  
 West Conshohocken, PA 19428-2859

Standard reference number	Title	Referenced in code section number
C90-01A	Specification for Loadbearing Concrete Masonry Units . . . . .	Table 802.2(1)
E 96-00	Standard Test Method for Water Vapor Transmission of Materials . . . . .	202, 802.1.2
E 283-99	Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen . . . . .	402.4.3, 802.3.2, 802.3.7
*E779-99	Standard Test Method for Determining Air Leakage Rate by Fan Pressurization . . . . .	402.4.4
*E1554-03	Standard Test Method for Determining External Air Leakage of Air Distribution Systems by Fan Pressurization . . . . .	403.2.4

**CTI**  
 Cooling Technology Institute  
 2611 FM 1960 West, Suite H-200  
 Houston, TX 77068-3730

Standard reference number	Title	Referenced in code section number
ATC-105 (2000)	Acceptance Test Code . . . . .	Table 803.3.2(6)
STD-201 (2002)	Certification Standard for Commercial Water Cooling Towers . . . . .	Table 803.3.2(6)

# DOE

U.S. Department of Energy  
 c/o Superintendent of Documents  
 U.S. Government Printing Office  
 Washington, DC 20402-9325

Standard reference number	Title	Referenced in code section number
10 CFR Part 430, Subpart B, Appendix E (1998)	Uniform Test Method for Measuring the Energy Consumption of Water Heaters . . . . .	Table 803.2.2(4), Table 804.2
10 CFR Part 430, Subpart B, Appendix N (1998)	Uniform Test Method for Measuring the Energy Consumption of Furnaces and Boilers . . . . .	Table 803.2.2(5)
*10 CFR Part 430, Subpart B, Test Procedures (1998)	Energy Conservation Program for Consumer Products: Test Procedures for Furnaces/Boilers, Vented Home Heating Equipment and Pool Heaters . . . . .	.202
DOE/EIA-0376 (Current Edition)	State Energy Prices and Expenditure Report . . . . .	.806.2.3

# HI

Hydronics Institute, Division of the  
 Gas Appliance Manufacturers Association  
 P.O. Box 218  
 Berkeley Heights, NJ 07054

Standard reference number	Title	Referenced in code section number
HBS	I=B=R - Testing and Rating Standard for Heating Boilers, 1989 Ed . . . . .	Table 803.2.2(5)

# ICC

International Code Council, Inc.  
 5203 Leesburg Pike, Suite 600  
 Falls Church, VA 22041-3401

Standard reference number	Title	Referenced in code section number
BCNYS	Building Code of New York State . . . . .	102.2, 102.5, 201.3
FCNYS	Fire Code of New York State . . . . .	.201.3
FGNYS	Fuel Gas Code of New York State . . . . .	.201.3
MCNYS	Mechanical Code of New York State . . . . .	201.3, 803.2.5, 803.2.6, 803.2.8.1, 803.2.8.1.1, 803.2.8.1.2, 803.3.4, 803.3.8.1
PCNYS	Plumbing Code of New York State . . . . .	.201.3
RCNYS	Residential Code of New York State . . . . .	.201.3

# IESNA

Illuminating Engineering Society of North America  
 120 Wall Street, 17<sup>th</sup> Floor  
 New York, NY 10005-4001

Standard reference number	Title	Referenced in code section number
*90.1-2001	Energy Standard for Buildings Except Low-Rise Residential Buildings . . . . .	801.1, 801.2, 802.1, 802.2

# NFRC

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

Standard reference number	Title	Referenced in code section number
100-01	Procedure for Determining Fenestration Product <i>U</i> -factors—Second Edition . . . . .	102.1.3
200-01	Procedure for Determining Fenestration Product Solar Heat Gain Coefficients and Visible Transmittance at Normal Incidence—Second Edition . . . . .	102.1.3
400-01	Procedure for Determining Fenestration Product Air Leakage—Second Edition . . . . .	.402.4.2, 802.3.1

REFERENCED STANDARDS

**SMACNA**

Sheet Metal and Air Conditioning Contractors National Association, Inc.  
4021 Lafayette Center Drive  
Chantilly, VA 20151-1209

Standard reference number	Title	Referenced in code section number
*SMACNA—85	HVAC Air Duct Leakage Test Manual. . . . .	803.3.6

**UL**

Underwriters Laboratories Inc.  
333 Pfingsten Road  
Northbrook, IL 60062-2096

Standard reference number	Title	Referenced in code section number
*181A—98	Closure Systems for Use with Rigid Air Ducts and Air Connectors—with Revisions through December 1998. . . . .	803.2.8
*181B—95	Closure Systems for Use with Flexible Air Ducts and Air Connectors—with Revisions through December 1998. . . . .	803.2.8
*727—98	Oil-Fired Central Furnaces—with Revisions through January 1999 . . . . .	Table 803.2.2(4)
731—95	Oil-Fired Unit Heaters—with Revisions through January 1999 . . . . .	Table 803.2.2(4),

**WDMA**

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

Standard reference number	Title	Referenced in code section number
101/I.S.2—97	Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors . . . . .	802.3.1
101/I.S.2/NAFS—02	Voluntary Performance Specification for Windows, Skylights and Glass Doors . . . . .	802.3.1

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