

\*\*\*CHAPTER 6

REFERENCED STANDARDS

\*ECC Chapter 6 was amended by: [Local Law 85 of 2009](#) – Update #34. This law has an effective date of July 01, 2010.

\*\*ECC Chapter 6 was amended by: [Local Law 48 of 2010](#) – Update #50. This law has an effective date of December 28, 2010.

\*\*\*ECC Chapter 6 was amended by: [Local Law 01 of 2011](#) – Update #50. This law has an effective date of December 28, 2010.

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. Refer to the rules of the department for any subsequent additions, modifications or deletions that may have been made to the referenced standards set forth herein in accordance with Section 28-103.19 of the Administrative Code.

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

Margin markings have not been made in this chapter. The date of the referenced standards denotes new standards from the 2007 Energy Conservation Construction Code of New York State.

**AAMA**

American Architectural Manufacturers Association  
1827 Walden Office Square, Suite 550  
Schaumburg, IL 60173-4268

Standard reference number	Title	Referenced in code section number
AAMA/WDMA/CSA 101/I.S.2/A440—08	Specifications for Windows, Doors and Unit Skylights	402.4.4, 502.4.1

**ACCA**

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

Standard reference number	Title	Referenced in code section number
Manual J—87	Residential Load Calculation Seventh Edition	403.6, 405.6.1
ASHRAE/ACCA 183—07	Peak Cooling and Heating Load Calculations in Buildings Except Low-rise Residential Buildings	503.2.1

**AFPA**

American Forest & Paper Association  
1111 19th St, NW, Suite 800  
Washington, DC 20036

Standard reference number	Title	Referenced in code section number
*NDS—05	National Design Specification (NDS) for Wood Construction with 2005 Supplement	Table 402.1.5.1, Table 402.1.5.2, Table 502.2.8.1

# AHRI

Air Conditioning, Heating and Refrigeration Institute  
4301 North Fairfax Drive  
Suite 200  
Arlington, VA 22203

Standard reference number	Title	Referenced in code section number
210/240—03	Unitary Air-Conditioning and Air-Source Heat Pump Equipment	Table 503.2.3(1), Table 503.2.3(2)
310/380—93	Standard for Packaged Terminal Air-conditioners and Heat Pumps	Table 503.2.3(3)
340/360—2000	Commercial and Industrial Unitary Air-conditioning and Heat Pump Equipment	Table 503.2.3(1), Table 503.2.3(2)
365—02	Commercial and Industrial Unitary Air-conditioning Condensing Units	Table 503.2.3(6)
*440—05	Performance Rating of Room Fan-Coils	503.2.8
550/590—98	Water Chilling Packages Using the Vapor Compression Cycle—with Addenda	Table 503.2.3(7), 503.2.3
560—00	Absorption Water Chilling and Water Heating Packages	Table 503.2.3(7)
*840—98	Unit Ventilators	503.2.8
13256—1 (2005)	Water-source Heat Pumps—Testing and Rating for Performance— Part 1: Water-to-air and Brine-to-air Heat Pumps (ANSI/AHRI/ASHRAE/ISO 13256-1)	Table 503.2.3(2)
1160—2004	Performance Rating of Heat Pump Pool Heaters	Table 504.2

# AISI

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

Standard reference number	Title	Referenced in code section number
S200—07	North American Standard for Cold-Formed Steel Framing—General Provisions	Table 502.2.8.1
S230—07	Standard for Cold-Formed Steel Framing- Prescriptive Method for One- and Two-Family Dwellings	Table 402.1.5.1, Table 402.1.5.2, Table 502.2.8.2

# 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
500D—98	Laboratory Methods for Testing Dampers for Rating	502.4.4

# ANSI

American National Standards Institute  
25 West 43rd Street, Fourth Floor  
New York, NY 10036

Standard reference number	Title	Referenced in code section number
Z21.10.3—01	Gas Water Heaters, Volume III - Storage Water Heaters with Input Ratings Above 75,000 Btu per Hour, Circulating Tank and Instantaneous—with Addenda Z21.10.3a-2003 and Z21.10.3b-2004	Table 504.2
Z21.13—04	Gas-fired Low Pressure Steam and Hot Water Boilers	Table 503.2.3(5)
Z21.47—03	Gas-fired Central Furnaces	Table 503.2.3(4)
Z21.50—07	Vented Gas Fireplace (CSA ANSI Z21.50/CSA 2.22)	303.1.5
Z21.60—03	Decorative Gas Burning Appliances for Installation in Solid-Fuel Burning Fireplaces with addenda Z21.60a—2003 (CSA ANSI Z21.50/CSA 2.26)	303.1.5
Z21.50/CSA 2.22—07	Vented Gas Fireplaces (ANSI Z21.50/CSA 2.22)	303.1.5
Z21.60/CSA 2.26—03	Decorative Gas Burning Appliances for Installation in Solid Fuel Burning Fireplaces with Addendum Z21.60a—2003 (ANSI Z21.60/CSA 2.26)	303.1.5
*Z65—96	Method for Measuring Floor Area in Office Buildings	402.4.2.1, 403.2.2
Z83.8—02	Gas Unit Heaters and Gas-fired Duct Furnaces—with Addendum Z83.8a-2003	Table 503.2.3(4)

# 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
90.1—07	Energy Standard for Buildings Except Low-rise Residential Buildings (ANSI/ASHRAE/IESNA 90.1-2007)	101.5.1, 501.1, 501.2, 502.1.1, Table 502.2(2)
*119—88 (RA 2004)	Air Leakage Performance for Detached Single-family Residential Buildings	Table 405.5.2(1)
140—07	Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs	506.6.1
ASHRAE/ACCA 183—07	Peak Cooling and Heating Load Calculations in Buildings Except Low-rise Residential Buildings	503.2.1
*ASHRAE/AHRI 13256—1 (2005)	Water-source Heat Pumps—Testing and Rating for Performance—Part 1: Water-to-air and Brine-to-air Heat Pumps (ANSI/ARI/ASHRAE/ISO 13256-1)	Table 503.2.3(2)
*ASHRAE/ANSI-152—04 <sup>a</sup>	Method of Test for Determining the Design and Seasonal Efficiencies of Residential Thermal Distribution Systems	403.2.2
*ASHRAE—05	ASHRAE Handbook of Fundamentals—2005	402.1.4, Table 405.5.2(1)
*ASHRAE—04	ASHRAE HVAC Systems and Equipment Handbook—2004	503.2.1

a. As modified in Appendix A

# 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—64	Steam Generating Units	Table 503.2.3(5)

# ASTM

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

Standard reference number	Title	Referenced in code section number
C 90—03	Specification for Load-bearing Concrete Masonry Units	Table 502.2(1)
E 84—04	Standard Test Method for Surface Burning Characteristics of Building Materials	402.4.1(12)(c)
E 283—04	Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen	202, 402.4.3, 502.4.2, 502.4.7
*E 779—99	Standard Test Method for Determining Air Leakage Rate by Fan Pressurization	402.4.2.1, 502.4.3.1
*E 1554—03	Standard Test Methods for Determining Air Leakage of Air Distribution Systems by Fan Pressurization	403.2.2
E 2178—03	Standard Test Method for Air Permeance of Building Materials	202, 502.4.3.1
E 2357—05	Standard Test Method for Determining Air Leakage of Air Barrier Assemblies	502.4.3.1
E 1677—95	Standard Specification for an Air Retarder (AR) Material or System for Systems Low-Rise Framed Building Walls	502.4.3.1
F1667—03	Standard Specification for Driven Fasteners: Nails, Spikes, and Staples	Table 402.1.5.1, Table 402.1.5.2, Table 502.2.8.1, Table 502.2.8.2

# CSA

Canadian Standards Association  
5060 Spectrum Way  
Mississauga, Ontario, Canada L4W 5N6

Standard reference number	Title	Referenced in code section number
AAMA/WDMA/CSA 101/I.S.2/A440—08	Specifications for Windows, Doors and Unit Skylights	402.4.4, 502.4.1

# 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 (2009)	Uniform Test Method for Measuring the Energy Consumption of Water Heaters	Table 503.2.3(4), Table 504.2
10 CFR Part 430, Subpart B, Appendix N (2009)	Uniform Test Method for Measuring the Energy Consumption of Furnaces and Boilers	
10 CFR Part 431, Subpart E (2010)	Test Procedures and Efficiency Standards for Commercial Packaged Boilers	Table 503.2.3(4), Table 503.2.3(5)
DOE/EIA-0376 (Current Edition)	State Energy Price and Expenditure Report	Table 503.2.3(5) 405.3, 506.3

# ICC

International Code Council, Inc.  
500 New Jersey Avenue, NW, 6th Floor  
Washington, D.C. 20001

Standard reference number	Title	Referenced in code section number
BCNYS—10	Building Code of New York State	101.2.1, 202, Table 402.1.1, 502.2.8, 502.2.8.1, 502.2.8.2, Table 502.2.8.2
EBNYS—10	Existing Building Code of New York State	101.2.1
ECCCNYS—10	Energy Conservation Construction Code of New York State	101.2.3, 101.5.1
FCNYS—10	Fire Code of New York State	101.2.1
FGNYS—10	Fuel Gas Code of New York State	101.2.1
MCNYS—10	Mechanical Code of New York State	101.2.1, 503.2.5, 503.2.5.1, 503.2.6, 503.2.7, 503.2.7.1, 503.2.7.1.1, 503.2.7.1.2, 503.2.9.1, 503.3.1, 503.4.5
NYCECC—11	New York City Energy Conservation Code	101.1
PCNYS—10	Plumbing Code of New York State	101.2.1
PMNYS—10	Property Maintenance Code of New York State	101.2.1
RCNYS—10	Residential Code of New York State	101.2.1, 202, 303.1.5, Table 402.1.1, 402.1.5.1, 402.1.5.2, 402.2.1.1, 402.4.1(12), 403.2.2, Table 405.5.2(1)
NYCAC—08	New York City Administrative Code	101.1, 101.2.1, 101.5.3.2, 101.5.3.3, 102.1, 103.1, 103.2.1, 103.3, 104.1, 104.1.1, 104.3, 105.1
NYCBC—08	New York City Building Code	101.2.1, 101.2.2, 102.1, 103.1,

NYCCC—08	New York City Construction Codes	103.2.1, 202 101.2.1, 102.1, 103.1, 104.2.3, 201.3, 303.1.5, 303.2, 403.2.2, 503.2.5, 503.2.5.1, 503.2.6, 503.2.7, 503.2.7.1, 503.2.7.1.1, 503.2.7.1.2, 503.2.9.1, 503.3.1, 503.4.5
NYCEC—08	New York City Electrical Code	101.2.1, 201.3
NYCFC—08	New York City Fire Code	101.2.1, 201.3
NYCFGC—08	New York City Fuel Gas Code	102.1, 201.3
NYCMC—08	New York City Mechanical Code	102.1, 201.3, 403.2.2, 503.2.5, 503.2.5.1, 503.2.6, 503.2.7, 503.2.7.1, 503.2.7.1.1, 503.2.7.1.2, 503.2.9.1, 503.3.1, 503.4.5
NYCPC—08	New York City Plumbing Code	102.1, 201.3
NYSUFBC— 10	Uniform Fire Prevention and Building Code of New York State	201.3, 303.2

## IESNA

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

Standard reference number	Title	Referenced in code section number
*90.1—07 <sup>a</sup>	Energy Standard for Buildings Except Low-rise Residential Buildings	101.5.1, 501.1, 501.2, 502.1.1 Table 502.2(2)

a. As modified in Appendix A

## 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 U-Factors—Second Edition	303.1.3
200—01	Procedure for Determining Fenestration Product Solar Heat Gain Coefficients and Visible Transmittance at Normal Incidence—Second Edition	303.1.3
400—01	Procedure for Determining Fenestration Product Air Leakage—Second Edition	402.4.4, 502.4.1

## NYC

New York City Department of Buildings  
280 Broadway  
New York, NY 10007

Standard reference number	Title	Referenced in code section number
NYCBC—68	1968 Building Code of the City of New York	101.2.1

## SMACNA

Sheet Metal and Air Conditioning Contractors National Association, Inc.  
4201 Lafayette Center Drive  
Chantilly, VA 20151-1209

Standard reference number	Title	Referenced in code section number
*SMACNA 1143—85	HVAC Air Duct Leakage Test Manual	503.2.7.1.3

## UL

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

Standard reference number	Title	Referenced in code section number
*727—06	Oil-Fired Central Furnaces—with Revisions through January 2001	Table 503.2.3(4)
*731—08	Oil-Fired Unit Heaters	Table 503.2.3(4)

## US FTC

United States Federal Trade Commission  
600 Pennsylvania Avenue, NW  
Washington, D.C. 20580

Standard reference number	Title	Referenced in code section number
16 CFR 460, Part 460—05	Labeling and Advertising of Home Insulation	303.1.4

## 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
AAMA/WDMA/CSA 101/I.S.2/A440—08	Specifications for Windows, Doors and Unit Skylights	402.4.4, 502.4.1