## CHAPTER C6

### REFERENCED STANDARDS

This chapter lists the standards that are referenced in various sections of the commercial provisions of this code. 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 ECC 105. 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.

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460—2005: Performance Rating of Remote Mechanical-draft Air-cooled Refrigerant Condensers
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550/590 (I-P)—2015: Performance Rating of Water-chilling and Heat Pump Water-heating Packages Using the Vapor Compression Cycle
NYC C403.3.2.1, Table C403.3.2(6)

560—00: Absorption Water Chilling and Water Heating Packages
NYC Table C403.3.2(6)

840—15: Performance Rating of Unit Ventilators
NYC C403.11.3

910—2014: Performance Rating of Indoor Pool Dehumidifiers
NYC Table C403.3.2(12)

920—2015: Performance Rating of DX-Dedicated Outdoor Air System Units
NYC C202, Table C403.3.2(13), Table C403.3.2(14)

1160 (I-P) —2014: Performance Rating of Heat Pump Pool Heaters
NYC Table C404.2

1200 (I-P)—2013: Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets
NYC C403.10, Table C403.10.1(1), Table C403.10.1(2)

NYC Table C403.3.2(10), Table C403.3.2(11)

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

205—12: Energy Efficiency Classification for Fans
NYC C403.8.3

500D—12: Laboratory Methods for Testing Dampers for Rating
NYC C403.7.7

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

NYC C403.1.1

NYC C403.1.1

NYC Table C403.3.2(10), Table C403.3.2(11)

NYC CH 1 (Intro Statement), 101.1.1, C202

ANSI/ASHRAE/IESNA 90.1—2016 (AS AMENDED) with revisions as set forth in Appendix CA of this code
NYC 101.1.1, 101.5.1.1, 105.1, C202, C401.2, Table C402.1.3, Table C402.1.4, C402.6.1, Table C403.3.2(1), Table C403.3.2(2), C407.1, C501.7, C502.1, C503.1, C504.1

NYC Table C402.3, C402.3.1

ANSI/DASMA 105—2016: Test Method for Thermal Transmittance and Air Infiltration of Garage Doors and Rolling Doors
NYC C303.1.3, Table C402.5.2
REFERENCED STANDARDS

ANSI—continued

Z21.10.3/CSA 4.3—11: Gas Water Heaters, Volume III—Storage Water Heaters with Input Ratings Above 75,000 Btu per Hour, Circulating Tank and Instantaneous
  Table C404.2

Z21.47/CSA 2.3—12: Gas-fired Central Furnaces
  Table C403.3.2(4)

Z83.8/CSA 2.6—09: Gas Unit Heaters, Gas Packaged Heaters, Gas Utility Heaters and Gas-fired Duct Furnaces
  Table C403.3.2(4)

APSP
The Association of Pool & Spa Professionals
2111 Eisenhower Avenue, Suite 580
Alexandria, VA 22314

C404.10

ASHRAE

ANSI/ASHRAE/IESNA 90.1—2016: Standard for Buildings Except Low-rise Residential Buildings
  CH 1 (Intro Statement), 101.1.1, C202

ANSI/ASHRAE /IES 90.1—2016 (AS AMENDED) with revisions as set forth in Appendix CA of this code
  101.1.1, 101.5.1.1, 105.1, C202, C401.2, Table C402.1.3, Table C402.1.4, C402.6.1, Table C403.3.2(1), Table C403.3.2(2), C407.1, C501.7, C502.1, C503.1, C504.1

ASHRAE 111—2008: Testing, Adjusting, and Balancing of Building HVAC Systems
C408.2.2

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ASHRAE Standard 170—2013:
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C403.1.1

C403.1.1

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Table C403.3.2(2)

ASHRAE 62.1—2013:
C403.7.4

146—2011: Testing and Rating Pool Heaters
Table C404.2

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

C405.8.2
### REFERENCED STANDARDS

**ASTM**

1. **C1363—11**: Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus
   - C303.1.4.1, Table C402.1.4, Table C402.1.4.2, C402.2.7

   - Table C402.3

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   - C402.4.2.2

5. **E283—04(2012)**: Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen
   - Table C402.5.1.2.2, Table C402.5.2, C402.5.8

6. **E408—13**: Test Methods for Total Normal Emittance of Surfaces Using Inspection-meter Techniques
   - Table C402.3

7. **E779—10**: Standard Test Method for Determining Air Leakage Rate by Fan Pressurization
   - C402.5, C402.5.1.3, C406.8

   - Table C402.3

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    - C402.5.1.2.1

    - C402.5.1.2.2

    - Table C405.10(1)

15. **F1484—18**: Standard Test Methods for Performance of Steam Cookers
    - Table C405.10(3)

16. **F1495—05**: Standard Specification for Combination Oven Electric or Gas Fired
    - Table C405.10(5)

17. **F1496—13**: Standard Test Method for Performance of Convection Ovens
    - Table C405.10(5)

    - Table C405.10(4)

19. **F1920—15**: Standard Test Method for Performance of Rack Conveyor Commercial Dishwashing Machines
    - Table C405.10(4)

20. **F2093—18**: Standard Test Method for Performance of Rack
    - Table C405.10(5)

21. **F2140—11**: Standard Test Method for Performance of Hot Food Holding Cabinets
    - Table C405.10(2)
ASTM—continued

F2144—17: Standard Test Method for Performance of Large Open Vat Fryers  
Table C405.10(1)

F2861—17: Standard Test Method for Enhanced Performance of Combination Oven in Various Modes  
Table C405.10(5)

BC HYDRO

Building Envelope Thermal Bridging Guide Version 1.2—18:  
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CRRC

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CSA

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CSA B55.2—2015: Drain Water Heat Recovery Units  
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Z21.10.3/CSA 4.3—11: Gas Water Heaters, Volume III-Storage Water Heaters with Input Ratings Above 75,000 Btu per Hour, Circulating Tank and Instantaneous  
Table C404.2

Z21.47/CSA 2.3—12: Gas-fired Central Furnaces  
Table C403.3.2(4)

Z83.8/CSA 2.6—09: Gas Unit Heaters, Gas Packaged Heaters, Gas Utility Heaters and Gas-fired Duct Furnaces  
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CTI

ATC 105 (00): Acceptance Test Code for Water Cooling Tower  
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ATC 105S—11: Acceptance Test Code for Closed Circuit Cooling Towers  
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ATC 106—11: Acceptance Test for Mechanical Draft Evaporative Vapor Condensers  
Table C403.3.2(7)

STD 201—11: Standard for Certification of Water Cooling Towers Thermal Performances  
Table C403.3.2(7)
REFERENCED STANDARDS

CTI—continued

CTI STD 201 RS(15): Performance Rating of Evaporative Heat Rejection Equipment
   C403.3.2(7)

DASMA
Door & Access Systems Manufacturers Association, International
1300 Sumner Avenue
Cleveland, OH 44115-2851

105—2016: Test Method for Thermal Transmittance and Air Infiltration of Garage Doors and Rolling Doors
   C403.1.3, Table C402.5.2

DOE
U.S. Department of Energy
c/o Superintendent of Documents
1000 Independence Avenue SW
Washington, DC 20585

10 CFR, Part 430—2015: Energy Conservation Program for Consumer Products: Test Procedures and Certification and Enforcement Requirement for Plumbing Products; and Certification and Enforcement Requirements for Residential Appliances; Final Rule
   Table C403.3.2(1), Table C403.3.2(2), Table C403.3.2(4), Table C403.3.2(5), Table C404.2

   Table C403.3.2(3)

   C202

   Table C403.3.2(5), C405.6, Table C405.6, C405.7

10 CFR 431 Subpart B App B: Uniform Test Method for Measuring Nominal Full Load Efficiency of Electric Motors
   C403.8.4, Table C405.7(1), Table C405.7(2), Table C405.7(3), C405.7(4)

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

   CH 1 (Intro Statement), 101.1.1

IEC
International Electrotechnical Commission
IEC Regional Centre for North America
446 Main Street 16th Floor
Worcester, MA 01608 U.S.A.

IEC EN 60034-30-1—2014: Efficiency classes of line operated AC motors
   C405.8.1.1.1

IEEE
Institute of Electrical and Electronic Engineers
3 Park Avenue, 17th Floor
New York, NY 10016

   C404.6.2
REFERENCED STANDARDS

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

CH 1 (Intro Statement), 101.1.1, C202

ANSI/ASHRAE/IES 90.1—2016 (AS AMENDED) with revisions as set forth in Appendix CA of this code
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Table C403.3.2(1), Table C403.3.2(2), C407.1, C501.7, C502.1, C503.1, C504.1

ISO
International Organization for Standardization
Chemin de Blandonnet 8, CP 401, 1214 Vernier
Geneva, Switzerland

Table C403.3.2(2)

Table C403.3.2(2)

NEMA
National Electrical Manufacturers Association
1300 North 17th Street, Suite 900
Rosslyn, VA 22209

MG1—2014: Motors and Generators
C202

NFRC
National Fenestration Rating Council, Inc.
6305 Ivy Lane, Suite 140
Greenbelt, MD 20770

100—2017: Procedure for Determining Fenestration Products U-factors
C303.1.3, Table C402.1.4.2, C402.2.1.1, Table C402.4

C303.1.3, Table C402.4, C402.4.1.1

400—2017: Procedure for Determining Fenestration Product Air Leakage
Table C402.5.2

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

1968 Building Code
101.2.1

NYCAC—14: New York City Administrative Code
CH 1 (Intro Statement), 101.1, 101.2.1, 101.5.2.2, 101.5.2.3, 102.1, 103.1, 103.2.1, 103.3, 103.4,
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NYCBC—14: New York City Building Code
101.2.1, 101.2.2, 103.2.1, C202, C303.1.1, C402.5.3, C402.5.4, C405.2, C405.2.1.4

NYCCC—14: New York City Construction Codes
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NYCEC—11: New York City Electrical Code
101.2.1, C201.3, C201.4, C501.4

NYCFC—14: New York City Fire Code
101.2.1, C201.3, C201.4, C501.4
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NYCMC—14: New York City Mechanical Code
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C403.8.5.1, C403.11.1, C403.11.2, C403.11.2.1, C403.11.2.2, C406.5, C408.2.2.1

NYC

NYS

New York Department of State
One Commerce Plaza, 99 Washington Ave
Albany, NY 12231-0001

BCNYS—20: Building Code of New York State
C202

ECCCNYS—20: Energy Conservation Construction Code of New York State
CH 1 (Intro Statement), 101.1.1, 101.2.3, 101.3

SMACNA
Sheet Metal and Air Conditioning Contractors’ National Association, Inc.
4021 Lafayette Center Drive
Chantilly, VA 20151-1219

C403.11.2.3

UL
UL LLC
333 Pfingsten Road
Northbrook, IL 60062-2096

127—11: Standard for Factory-Built Fireplaces
C402.2.8

UL

710—12: Exhaust Hoods for Commercial Cooking Equipment—with Revisions through November 2013
C403.7.5

NYC

727—06: Oil-fired Central Furnaces—with Revisions through October 2013
Table C403.3.2(4)

731—95: Oil-fired Unit Heaters—with Revisions through October 2013
Table C403.3.2(4)

1784—01: Air Leakage Tests of Door Assemblies—with Revisions through February 2015
C402.5.4

US-FTC
United States-Federal Trade Commission
600 Pennsylvania Avenue NW
Washington, DC 20580

CFR Title 16 (2015): R-value Rule
C303.1.4

WDMA
Window and Door Manufacturers Association
2025 M Street NW, Suite 800
Washington, DC 20036-3309

Table C402.5.2