CHAPTER 35

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 102.4.

AA

Aluminum Association

1525 Wilson Boulevard, Suite 600

Arlington, VA 22209

Standard Referenced  
reference in code  
number Title section number

ADM1—2015 ADM1—2020 Aluminum Design Manual: Part ~~1—A Specification~~ 1—Specification or Aluminum Structures 1604.3.5, 2002.1

ASM 35—00 Aluminum Sheet Metal Work in Building Construction (Fourth Edition) 2002.1

AAF

Aluminum Association of Florida, Inc.

3203 Lawton Road #110

Orlando, FL 32803

Standard Referenced  
reference in code  
number Title section number

AAF—20 Guide to Aluminum Construction in High Wind Areas (2020) 2002.4.1, 1622.1.2

AAMA

American Architectural Manufacturers Association

1827 Waldon Office Square, Suite 550

Schaumburg, IL 60173

Standard Referenced  
reference in code  
number Title section number

1402—09 Standard Specifications for Aluminum Siding, Soffit and Fascia 1404.5.1

AAMA/NSA 2100—19 Voluntary Specifications for Sunrooms 202, 2002.6.1, 2002.6.2

AAMA/WDMA/CSA  
101/I.S.2/A440—08, 11 or 17 North American Fenestration Standard/Specifications for  
  Windows, Doors and Skylights 1010.1.7, 1709.5.1, 2405.5, 2411.3.2.1

C618-12a Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan  
  for Use in Concrete 1917.4.4

AAMA 501—15 Methods of Test for Exterior Walls 1709.8.4

AAMA 506—16 Voluntary Specifications for Impact and Cycle Testing of Fenestration Products 1609.1.2

C618-12a Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan  
  for Use in Concrete ……………..1917.4.4, 1507.1.1.2, 1507.1.1.3

711-20 Voluntary Specification for Liquid Applied Flashing Used to Create a Water-resistive Seal around Exterior Wall Openings in Buildings

~~714—15~~**714—20** Voluntary Specification for Liquid Applied Flashing Used to Create a Water-resistive   
  Seal around Exterior Wall Openings in Buildings 1405.4

FMA/AAMA 100—12 Standard Practice for the Installation of Windows with Flanges or Mounting 1405.4.1.4

FMA/AAMA 200—12 Standard Practice for the Installation of Windows with Frontal Flanges 1405.4.1.4

FMA/WDMA 250—10 Standard Practice for the Installation of Non-Frontal Flange Windows with

 Mounting Flanges for Surface Barrier Masonry for Extreme Wind/Water Conditions 1405.4.1.4

FMA/AAMA/WDMA300—12 Standard Practice for the Installation of Exterior Doors in Wood Frame

 Construction for Extreme Wind/Water Exposure 1405.4.1.4

FMA/AAMA/WDMA 400-13 Standard Practice for the Installation of Exterior Doors in Surface Barrier  
  Masonry Construction for Extreme Wind/Weather Exposure 1405.4.1.4

**Also – revise as follows:**

**AAMA Standards by FGIA**

~~American Architectural Manufacturers Association~~

Fenestration & Glazing Industry Alliance

~~1827 Walden Office Square, Suite 550~~

1900 E Gold Rd., Suite 1250

Schaumburg, IL 60173

*Update the following, all other existing AAMA Standards remain the same:*

450—10                              Voluntary Performance Rating Method for Mulled Fenestration Assemblies 1709.8

or

450-20                                Performance Rating Method for Mulled Combination Assemblies, Composite Units, and Other Mulled Fenestration Systems         1709.8

711— 13 ~~or 16~~, 20 or 22    Voluntary Specification for Self-A~~a~~dhering Flashing Used for Installation of Exterior Wall Fenestration Products 1405.4, Table 1507.1.1.1, 1507.1.1.2, 1507.1.1.3

714—15 or 19                  Voluntary Specification for Liquid Applied Flashing Used to Create Water-resistive Seal around Exterior Wall      Openings in Buildings                             1405.4

**(S10435 AM A2)**

**Add new standards as follows to Chapter 35 under AAMA and WDMA, respectively:**

AAMA 2502-2019, Comparative Analysis Procedure for Window and Door Protocols............1709.5.1

**(S10417 AS)**

ACI

American Concrete Institute

P.O. Box 9094

Farmington Hills, MI 48333-9094

Standard Referenced  
reference in code  
number Title section number

216.1—14 Code Requirements for Determining Fire Resistance of Concrete  
  and Masonry Construction Assemblies Table 721.1(2), 722.1

318—19 ~~318—14~~ Building Code Requirements for Structural Concrete 1604.3.2, 1615.3.1, 1615.4.1,

1808.8.2, Table 1808.8.2, 1808.8.5, 1808.8.6,  
1810.1.3, 1810.2.4.1, 1810.3.2.1.1, 1810.3.2.1.2, 1810.3.8.3.1, 1810.3.8.3.3,  
1810.3.9.4.2.1, 1810.3.9.4.2.2, 1810.3.10.1, 1810.3.11.1, 1810.3.12, 1901.2, 1901.3,  
1902.1, 1903.1, 1904.1, 1904.2, 1905.1, 1905.1.1, 1905.1.2,  
1905.1.3, 1905.1.4, 1905.1.5, 1905.1.6, 1905.1.7, 1905.1.8, 1906.1, 2206.1, E303.2.2

**Add new standard(s) as follows:**

**ACI**

117-10: Specification for Tolerances for Concrete Construction and Materials

ITG-7-09: Specification for Tolerances for Precast Concrete

**(S9596 / S147-19 AS)**

AF & PA

American Forest & Paper Association

1111 19th St, NW Suite 800

Washington, DC 20036

Standard Referenced  
reference in code  
number Title section number

AF&PA—92 Wood Structural Design Data 2314.4.7

AF&PA—05 Design Values for Joists and Rafters 2314.4.7

PWF—07 Permanent Wood Foundation (PWF) Design Specification 2314.4.7

AF&PA—12 Span Tables for Joists and Rafters 2314.4.7, 2317.1.1

WCD 1—01 Wood Construction Data No. 1, Details for Conventional Wood Frame Construction 2314.4.7

WCD 4—03 Wood Construction Data No. 4, Plank and Beam Framing for Residential Buildings 2314.4.7, 2306.1.2

WCD 5—89 Wood Construction Data No. 5, Heavy Timber  
  Construction Details 2314.4.7

, 2203.1, 2203.2, 2205.1, 2205.2.1.1, 2206.1

AHA

American Hardboard Association

1210 West N.W. Highway

Palatine, IL 60067

Standard Referenced  
reference in code  
number Title section number

A135.4—04 Basic Hardboard 1404.3.1, 2314.4.1

A135.5—04 Prefinished Hardboard Paneling 2314.4.1

A135.6—98 Hardboard Siding 2314.4.1

A194.1—85 Cellulosic Fiber Board 2314.4.1

IB Spec. No. 1 Recommended Product and Application Specification —Structural Insulating

Roof Deck 2314.4.1

IB Spec. No. 2 Recommended Product and Application Specification —1/2 inch Fiberboard   
  Nail-Base Sheathing 2314.4.1

IB Spec. No. 3 Recommended Product and Application Specification —1/2 inch Intermediate  
   Fiberboard Sheathing 2314.4.1

AISC

American Institute of Steel Construction

One East Wacker Drive, Suite 700

Chicago, IL 60601-18021

Standard Referenced  
reference in code  
number Title section number

AISC DG09 Torsional Analysis of Structural Steel Members 2003, 2214.3

AISC—09 Detailing for Steel Construction 2214.3

AISC—2017 Steel Construction Manual, 2017 2011, 2214.3

AISC DG15—2018 Rehabilitation and Retrofit Guide A Reference for Historic Shapes and Specifications 2214.3

AISC—continued

AISC DG03 Serviceability Design Considerations for Steel Buildings, 2003 2214.3

ANSI/AISC 341—16 Seismic Provisions for Structural Steel Buildings 1613.4.1, 2205.2.1.1, 2205.2.1.2, 2205.2.2, 2206.2.1

ANSI/AISC 360—16 Specification for Structural Steel Buildings 722.5.2.2.1, 1604.3.3,

2203.1, 2203.2, 2205.1, 2205.2.1.1, 2206.1

**Also – revise as follows:**

AISC

American Institute of Steel Construction

~~One East Wacker Drive, Suite 700~~

130 East Randolph, Suite 2000

Chicago, IL 60601~~-18021~~

AISC DG09-2003, Torsional Analysis of Structural Steel Members, 2003

~~2003,~~2214.3

~~AISC-09, Detailing for Steel Construction~~

~~2214.3~~

AISC-2017, Steel Construction Manual, 2017

                        2214.3

AISC DG15-2018, Rehabilitation and Retrofit~~Guide: A Reference for Historic Shapes and Specifications~~, 2018

                        2214.3

AISC DG03-2003, Serviceability Design Considerations for Steel Buildings, 2003

                        2214.3

**(S10131 AS)**

AISI

American Iron and Steel Institute

25 Massachusetts Avenue, NW Suite 800

Washington, DC 20001

Standard Referenced  
reference in code  
number Title section number

AISI S100—16/S1-18 North American Specification for the Design of Cold-formed Steel  
  Structural Members with supplement 1 dated 2018 1604.3.3, 1905.1.8, 2203.1, 2203.2,

2210.1, 2210.2, 2214.3

AISI S202—~~15~~20 Code of Standard Practice for Cold-formed Steel Framing, 2015 2211.3.1

AISI S220—~~15~~20 North American Standard for Cold-formed Steel Framing-Nonstructural Members, 2015 2203.1, 2203.2,

2211.1, 2211.2, 2214.3, Table 2506.2, Table 2507.2

AISI S230—~~19~~18 Standard for Cold-formed Steel Framing-Prescriptive Method for  
  One- and Two-family Dwellings, 2019 1609.1.1,

1609.1.1.1, 2211.1.2, 2214.3

AISI S240—~~15~~20

AISI S240, North American Standard for Cold-formed Steel Structural Framing, 2015 2203.1, 2203.2,

2211.1, 2214.3, 2211.1.1.1, Table 2306.12.2, Table 2506.2,

Table 2507.2, Table 2603.12.1

(S299—16)

AISI S400—15/S1—~~16~~20 North American Standard for Seismic Design of Cold-formed Steel Structural Systems, 2015, with

 Supplement 1, dated 2016 2210.2, 2211.1.1.1, 2211.1.1.2

AISI S913—17 Test Standard for Hold-Downs Attached to Cold-Formed Steel Structural Framing 2210.3

AISI S914—17 Test Standard for Joist Connectors Attached to Cold-Formed Steel Structural Framing 2210.3

|  |
| --- |
| **Also – revise as follows:** |

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| --- |
| AISI  AISI S100—16(2020) w/S2-20     North American Specification for the Design of Cold-formed Steel Structural Members, 2016 Edition (Reaffirmed 2020), with Supplement 2, 2020 Edition  1604.3.3, 1905.1.8, 2203.1, 2203.2, 2210.1, 2210.2, 2214.3  AISI S202—20~~15~~     Code of Standard Practice for Cold-formed Steel Framing, 2020~~2015~~              2211.1.3.1  AISI S220—20~~15~~     North American Standard for Cold-formed Steel Framing-Nonstructural Members, 2020~~2015~~  2203.1, 2203.2, 2211.1, 2211.2, 2214.3, Table 2506.2, Table 2507.2  AISI S230—19    Standard for Cold-formed Steel Framing-Prescriptive Method for One- and Two-family Dwellings, 2019  1609.1.1, 1609.1.1.1, 2211.1.2, 2214.3  AISI S240—20~~15~~     AISI S240, North American Standard for Cold-formed Steel Structural Framing, 2020~~2015~~  2203.1, 2203.2, 2211.1, 2214.3, 2211.1.1.1, Table 2506.2, Table 2507.2, Table 2603.12.1  ~~(S299—16)~~AISI S400—20~~15/S1—16~~             North American Standard for Seismic Design of Cold-formed Steel Structural Systems, 2020~~2015~~, ~~with Supplement 1, dated 2016~~  2210.2, 2211.1.1.1, 2211.1.1.2  AISI S913—17     Test Standard for Hold-Downs Attached to Cold-Formed Steel Structural Framing  2210.3C  AISI S914—17     Test Standard for Joist Connectors Attached to Cold-Formed Steel Structural Framing  2210.3 |
|  |
|  |

(S10454 AS)

AITC

American Institute of Timber Construction

333 West Hampden Avenue

Englewood, CO 80110

Standard Referenced  
reference in code  
number Title section number

A 190.1—07 Structural Glued Laminated Timber 2314.4.2

Technical Note 7—96 Calculation of Fire Resistance of Glued Laminated Timbers 2314.4.2

104—03 Typical Construction Details 2306.1, 2314.4.2

106 Code of Suggested Practices 2314.4.2

108—93 Standard for Heavy Timber Construction 2314.4.2

109—98 Standard for Preservative Treatment for Structural Glued Laminated Timber 2314.4.2

110—01 Standard Appearance Grades for Structural Glued Laminated Timber 2306.1, 2314.4.2

112—93 Tongue-and-Groove Heavy Timber Roof Decking 2314.4.2

113—10 Dimensions of Structural Glued Laminated Timber 2306.1, 2314.4.2

117—10 Standard Specifications for Structural Glued Laminated Timber of Softwood   
  Species—Design Requirements—Standard Specifications for Structural Glued  
  Laminated Timber of Softwood Species—Manufacturing Requirements 2314.4.2

119—96 Standard Specifications for Structural Glued Laminated Timber of

Hardwood Species 2306.1, 2314.4.2

ALI

Automotive Lift Institute

P.O. Box 85

Courtland, NY 13045

Standard Referenced  
reference in code  
number Title section number

ALI ALCTV—2017 Standard for Automotive Lifts—Safety Requirements for  
  Construction, Testing and Validation (ANSI) 3001.2, Table 3001.2

AMCA

Air Movement and Control Association International

30 West University Drive

Arlington Heights, IL 60004

Standard Referenced  
reference in code  
number Title section number

540—13 Test Method for Louvers Impacted by Wind Borne Debris 1609.1.2.1, 1626.5.1, 1626.5.2, 1626.5.3

ANSI

American National Standards Institute

25 West 43rd Street, Fourth Floor

New York, NY 10036

Standard Referenced  
reference in code  
number Title section number

~~A13.1—2015~~ A13.1—2020 Scheme for the Identification of Piping Systems 415.11.6.5

A41.1 Building Code Requirements for Masonry 2121.2.8

A108.1A—~~16~~17 Installation of Ceramic Tile in the Wet-set Method, with Portland Cement Mortar 2103.2.3

A108.1B—~~99~~ 17 Installation of Ceramic Tile, quarry Tile on a Cured Portland  
  Cement Mortar Setting Bed with Dry-set or Latex-Portland Mortar 2103.2.3

A108.4—~~99~~09 Installation of Ceramic Tile with Organic Adhesives or  
  Water-cleanable Tile-setting Epoxy Adhesive 2103.2.3.6

A108.5—~~99~~19 Installation of Ceramic Tile with Dry-set Portland Cement Mortar  
  or Latex-Portland Cement Mortar 2103.2.3.1, 2103.2.3.2

A108.6—~~99~~19 Installation of Ceramic Tile with Chemical-resistant, Water  
  Cleanable Tile-setting and -grouting Epoxy 2103.2.3.3

A108.8—~~99~~19 Installation of Ceramic Tile with Chemical-resistant Furan Resin Mortar and Grout 2103.2.3.4

A108.9—~~99~~19 Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout 2103.2.3.5

A108.10—~~99~~17 Installation of Grout in Tilework 2103.2.3.7

A117—2015 Structural Glued Laminated Timber of Softwood Species 2306.1, 2314.4.3

A118.1—~~16~~18 American National Standard Specifications for Dry-set Portland Cement Mortar 2103.2.3.1

A118.3—~~13~~20 American National Standard Specifications for Chemical-resistant, Water-cleanable  
  Tile-setting and -grouting Epoxy and Water Cleanable Tile-setting Epoxy Adhesive 2103.2.3.3

A118.4—~~16~~18 American National Standard Specifications for Latex-Portland Cement Mortar 2103.2.4, 2103.2.3.2

A118.5—99 American National Standard Specifications for  
  Chemical Resistant Furan Mortar and Grouts for Tile Installation. 2103.2.3.4

A118.6—~~10~~19 American National Standard Specifications for Cement Grouts for Tile Installation 2103.2.3.7

A118.8—99 American National Standard Specifications for Modified Epoxy Emulsion Mortar/Grout 2103.2.3.5

A136.1—~~08~~19 American National Standard Specifications for  
  Organic Adhesives for Installation of Ceramic Tile 2103.2.3.6

A137.1—~~17~~19 American National Standard Specifications for Ceramic Tile 202

ANSI/A190.1—17 Structural Glued Laminated Timber 2303.1.3, 2306.1, 2314.4.3

ANSI B18.6.1-81(2016) Wood Screws (Inch Series) 1506.6

Z535.1 American National Standard Safety Color Code for Making Physical Hazards 453.4.6, 453.14.6

Z358.1 Emergency Eyewash and Shower Equipment 450.3.11.7

Z97.1—14 Safety Glazing Materials Used in Buildings—Safety Performance  
  Specifications and Methods of Test 1618.4.6.3, 2406.1.2, 2406.2, Table 2406.2(2), 2406.3.1,

2407.1, 2407.1.4.1, 2408.2.1, 2408.3, 2409.2, 2409.3, 2409.4.1

**Add new standard(s) as follows:**

**ANSI**

A137.3-17: American National Standard Specifications for Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs

**(S9328/FS1-19 AS)**

APA

APA - Engineered Wood Association

7011 South 19th

Tacoma, WA 98466

Standard Referenced  
reference in code  
number Title section number

ANSI 117—~~2015~~20 Structural Glued Laminated Timber of Softwood Species 2306.1, 2314.4.3

ANSI/A 190.1—2017 Structural Glued Laminated Timber 2303.1.3, 2306.1

ANSI/APA PRP 210—~~2014~~ 2019 Standard for Performance-Rated Engineered Wood Siding 2303.1.5, 2304.7, 2306.3, Table 2306.3(1)

ANSI/APA PRG 320—2019 Standard for Performance-rated Cross-laminated Timber

ANSI/APA PRR 410—2016 Standard for Performance-Rated Engineered Wood Rim Boards 2303.1.13

APA PDS—~~12~~PDS-20 Panel Design Specification 2306.1, 2314.4.3

APA PDS  
Supplement 1—12 Design and Fabrication of Plywood Curved Panels (revised 2013) 2306.1, 2314.4.3

APA PDS  
Supplement 2—12 Design and Fabrication of Plywood-lumber Beams (revised 2013) 2306.1, 2314.4.3

APA PDS  
Supplement 3—12 Design and Fabrication of Plywood Stressed-skin Panels (revised 2013) 2306.1, 2314.4.3

APA PDS  
Supplement 4—12 Design and Fabrication of Plywood Sandwich Panels (revised 2013) 2306.1, 2314.4.3

APA PDS  
Supplement 5—16 Design and Fabrication of All-plywood Beams 2306.1, 2314.4.3

APA B840—16 303 Siding Manufacturing Specifications 2314.4.3

APA L350—07 Design/Construction Guide Diaphragms and Shearwalls 2314.4.3

APA PRP-108—18 Performance Standards and Policies for Wood Structural Panels 2314.4.3

APA V910—90 Plywood Folded Plate Laboratory Report 121 2314.4.3

APA EWCG Engineered Wood Construction Guide, Form E30 2314.4.3

APA R540—~~13~~19 Builder~~s~~ Tips: Proper Storage and Handling of Glulam Beams 2306.1

APA S475—~~16~~20 Glued Laminated Beam Design Tables 2306.1

APA S560—~~14~~20 Field Notching and Drilling of Glued Laminated Timber Beams 2306.1

APA T300—16 Glulam Connection Details 2306.1

APA X440—17 Product and Application Guide: Glulam 2306.1

APA X450—18 Glulam in Residential Building Construction Guide-~~Western Edition~~ 2306.1

APA E30—16 Engineered Wood Construction Guide 2314.4.3

**(S10107 AS)**

**APA**

**Also – revise as follows:**

APA - Engineered Wood Association

7011 South 19th

Tacoma, WA 98466

ANSI 117—2020 Standard Specification for Structural Glued Laminated Timber of Softwood Species . . . . . . . . . . . 2306.1, 2314.4.3

~~ANSI/A 190.1~~ ANSI A190.1.—~~2017~~2022 Product Standard for Structural Glued Laminated Timber. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .2303.1.3, 2306.1

ANSI/APA PRP 210—2019 Standard for Performance-Rated Engineered Wood Siding . . . . 2303.1.5, 2304.7, 2306.3, Table 2306.3(1)

ANSI/APA PRR 410—2021 Standard for Performance-Rated Engineered Wood Rim Boards . . . . . . . . . . . . . . . . . . . . . . . . . . 2303.1.13

APA PDS—20 Panel Design Specification . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .2306.1, 2314.4.3

APA PDS Supplement 1—12 Design and Fabrication of Plywood Curved Panels (revised 2013) . . . . . . . . . . . . . . . . . . .2306.1, 2314.4.3

APA PDS Supplement 2—12 Design and Fabrication of Plywood-lumber Beams (revised 2013) . . . . . . . . . . . . . . . . . . .2306.1, 2314.4.3

APA PDS Supplement 3—12 Design and Fabrication of Plywood Stressed-skin Panels (revised 2013). . . . . . . . . . . . . . .2306.1, 2314.4.3

APA PDS Supplement 4—12 Design and Fabrication of Plywood Sandwich Panels (revised 2013) . . . . . . . . . . . . . . . . .2306.1, 2314.4.3

APA PDS Supplement 5—16 Design and Fabrication of All-plywood Beams. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .2306.1, 2314.4.3

APA B840—19 303 Siding Manufacturing Specifications . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2314.4.3

APA L350—07 Design/Construction Guide Diaphragms and Shearwalls . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2314.4.3

APA PRP-108—21 Performance Standards and Policies for Wood Structural Panels . . . . . . . . . . . . . . . . . . . . . . . . . . . 2314.4.3

APA V910—90 Plywood Folded Plate Laboratory Report 121. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2314.4.3

APA E30-19 Engineered Wood Construction Guide . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2314.4.3

APA R540—19 Builders Tips: Proper Storage and Handling of Glulam Beams . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .2306.1

APA S475—20 Glued Laminated Beam Design Tables . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .2306.1

APA S560—20 Field Notching and Drilling of Glued Laminated Timber Beams . . . . . . . . . . . . . . . . . . . . . . . . . . . . .2306.1

APA T300—16 Glulam Connection Details . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .2306.1

APA X440—17 Product and Application Guide: Glulam . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .2306.1

APA X450—18 Glulam in Residential Building Construction Guide-Western Edition . . . . . . . . . . . . . . . . . . . . . . . . .2306.1

A

**(SW10438 AS)/ (S10107 AS)**

APSP

Association of Pool and Spa Professionals

2111 Eisenhower Avenue, Suite 500

Alexandria, VA 22314

Standard Referenced  
reference in code  
number Title section number

ANSI/APSP/ICC 3—14 American National Standard for Permanently

Installed Residential Spas and Swim Spas 454.2.6.1

ANSI/APSP/ICC 4—12 American National Standard for Aboveground **/**Onground Residential Swimming Pools  
  Includes Addenda A Approved April 4, 2013 454.2.6.1

ANSI/APSP/ICC 5-11 American National Standard for Residential

Inground Swimming Pools 454.2.6.1

ANSI/APSP/ICC 6—13 American National Standard for Residential

Portable Spas and Swim Spas 454.2.6.1

ANSI/APSP/ICC 7—13 American National Standard for Suction

Entrapment Avoidance in  
  Swimming Pools,

Wading Pools, Spas, Hot Tubs, and Catch

Basins 454.2.6.1, 454.2.6.3, 454.2.6.6

ANSI/APSP 16—2017 American National Standard for Suction Fittings  
  for Use in Swimming Pools, Wading Pools, Spas,

and Hot Tubs 454.1.6.5.12

**Revise as follows:**

**APSP (PHTA Standards)**

Pool & Hot Tub Alliance

~~Association of Pool and Spa Professionals~~

2111 Eisenhower Avenue, Suite 500

Alexandria, VA 22314

ANSI/APSP/ICC 3—2014

American National Standard for Permanently Installed Residential Spas and Swim Spas

454.2.6.1

ANSI/APSP/ICC 4—2012(R2022)

American National Standard for Aboveground /Onground Residential Swimming Pools ~~Includes Addenda A Approved April 4, 2013~~

454.2.6.1

ANSI/APSP/ICC 5-~~11~~2012(R2022)

American National Standard for Residential Inground Swimming Pools

454.2.6.1

ANSI/APSP/ICC 6—2013

American National Standard for Residential Portable Spas and Swim Spas

454.2.6.1

ANSI/~~APSP~~PHTA/ICC 7—~~13~~2020

American National Standard for Suction Entrapment Avoidance in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Catch Basins

454.2.6.1, 454.2.6.3, 454.2.6.6

ANSI/APSP 16—2017

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**(SW10522 AM A1)**

ASABE

American Society of Agricultural and Biological Engineers

2950 Niles Road

St. Joseph, MI 49085

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ASCE/SEI

American Society of Civil Engineers

Structural Engineering Institute

1801 Alexander Bell Drive

Reston, VA 20191-4400

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8—02 Specification for the Design of Cold-formed  
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55—16 Tensile Membrane Structures 3102.1.1

**Also – revise as follows:**

ASCE/SEI          American Society of Civil Engineers

                        Structural Engineering Institute

                        1801 Alexander Bell Drive

                        Reston, VA 20191-4400

Standard reference number        Title

7-~~16~~ 22                                    Minimum Design Loads and Associated Criteria for Buildings and Other Structures ~~with Supplement No. 1~~

ASHRAE

ASHRAE, Inc.

1791 Tullie Circle NE

Atlanta, GA 30329-2305

Standard Referenced  
reference in code  
number Title section number

62—01 Ventilation for Acceptable Indoor Air Quality C502.1, E306.1

ANSI/ASHRAE/  
ASJHE 170—08 Ventilation of Heath Care Facilities 450.3.14, 450.3.14.4, 469.4.12.1

ASME

American Society of Mechanical Engineers

Two Park Avenue

New York, NY 10016-5990

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number Title section number

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ASSE

American Society of Safety Engineers

1800 East Oakton Street

Des Plaines, IL 60018

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**(R9953 AS)/** **(R9508 / S14-19)**

ASTM

ASTM International

100 Barr Harbor Drive

West Conshohocken, PA 19428-2959

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A90/A90M—13 Standard Test Method for Weight (Mass) of Coating on Iron and  
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A463/A463M—15 Standard Specification for Steel Sheet, Aluminum-coated, by the Hot-dip Process Table 1507.4.3(2)

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A641/A641M—14 Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire 1506.6

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  Phosphorus Steel H-piles and Sheet Piling with Atmospheric Corrosion Resistance   
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  for Concrete Reinforcement 1704.5, 2107.3

A722/A722M—~~15~~2018 Specification for High-strength Steel Bar for Prestressing Concrete 1810.3.10.2

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B43—15 Specification for Seamless Red Brass Pipe, Standard Sizes 909.13.1

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C31/C31M—~~15~~ 2018B Practice for Making and Curing Concrete Test Specimens in the Field Table 1705.3

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C55—~~2014A~~ 2017 Specification for Concrete Building Brick Table 722.3.2

C59/C59M—00 (2015) Specification for Gypsum Casting Plaster and Molding Plaster Table 2507.2

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C62—~~13A~~ 2017 Standard Specification for Building Brick  
  (Solid Masonry Units Made from Clay or Shale) 1807.1.6.3

C67—~~14~~ 2018 Test Methods of Sampling and Testing Brick and Structural Clay Tile 721.4.1.1.1

C73—~~14~~  2017 Specification for Calcium Silicate Brick (Sand-lime Brick) Table 722.3.2

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C208—12(2017)E1 Specification for Cellulosic Fiber Insulating Board Table 1508.2, 2303.1.6

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C315—07(~~2011~~2016) Specification for Clay Flue Liners and Chimney Pots 2111.9, 2113.11.1, Table 2113.16(1)

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C473—~~15~~ 2017 Test Method for Physical Testing of Gypsum Panel Products Table 2506.2

C474—15 Test Methods for Joint Treatment Materials for Gypsum Board Construction Table 2506.2

C475/C475M—~~15~~  2017 Specification for Joint Compound and Joint Tape for Finishing Gypsum Board Table 2506.2

C476—19 Standard Specification for Grout for Masonry 2122.8.2

C618-12a Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan  
  for Use in Concrete 1917.4.4

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C513 Standard Test Method for Obtaining and Testing Specimens of Hardened Lightweight  
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C552—~~15~~ 2017E1 Standard Specification for Cellular Glass Thermal Insulation Table 1508.2

C557—03(~~2009~~ 2017)e01 Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing Table 2506.2, 2508.4

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C726—~~12~~ 2017 Standard Specification for Mineral Roof Insulation Board Table 1508.2

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C796—97 Standard Test Method for Foaming Agents For Use in Producing Cellular  
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C836/C836M—~~15~~  2018 Specification for High-solids Content, Cold Liquid-applied  
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C840—~~13~~ 2018A Specification for Application and Finishing of Gypsum Board Table 2508.1, 2509.2

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C844—2015 Specification for Application of Gypsum Base to Receive Gypsum Veneer Plaster Table 2508.1

C847—~~14A~~ 2018 Specification for Metal Lath Table 2507.2

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C920—~~14A~~ 2018 Standard for Specification for Elastomeric Joint Sealants 2415.4, Table 2506.2, B303.6, E303.3.1

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C933—~~14~~ 2018 Specification for Welded Wire Lath Table 2507.2

C946—~~10~~ 2018 Specification for Construction of Dry-stacked, Surface-bonded Walls 2103.2.2, 2109.2.2

C954—~~15~~ 2018 Specification for Steel Drill Screws for the Application of Gypsum Panel Products  
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C957/C957M—~~15~~  2017 Specification for High-solids Content, Cold Liquid-applied  
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C1032—~~14~~ 2018 Specification for Woven Wire Plaster Base Table 2507.2

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C1186—08(~~2012~~ 2016) Specification for Flat Fiber Cement Sheets 1404.10, 1405.16.1, 1405.16.2

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C1288—~~14~~ 2017 Standard Specification for Discrete Nonasbestos Fiber-cement Interior Substrate Sheets Table 2509.2

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C1328/C1328M—12 Specification for Plastic (Stucco Cement) Table 2507.2

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F2200—~~2014~~ 2017 Standard Specification for Automated Vehicular Gate Construction 3110.3

F2208—2014 Standard Safety Specification for Residential Pool Alarms 454.2.17.1.9

F2376—17a Standard Practice for Classification, Design, Manufacture, Construction, and  
  Operation of Water Slide Systems 454.1.9.2.1.1

F3125/F3125M—15 Standard Specification for High Strength Structural Bolts, Steel and   
  Alloy Steel, Heat Treated, 120 ksi (830 MPa) and 150 ksi (1040 MPa) Minimum  
  Tensile Strength, Inch and Metric Dimensions 2214.3

G53—96 Practice for Operating Light-and Water-Exposure Apparatus (Fluorescent   
  UV-Condensation Type) for Exposure of Nonmetallic Materials 454.2.17.1.15.2

G60—01 Standard Practice for Conducting Cyclic Humidity Tests 2319.17.2.2.8, 2603.12.2

G85 Standard Practice for Modified Salt Spray (Fog) Testing 1517.5.1, 1517.5.2, 1523.6.5.2.10,

1523.6.5.2.11

G152—13 Practice for Operating Open Flame Carbon Arc Light Apparatus for  
  Exposure of Nonmetallic Materials 1504.6

G153 Standard Practice for Operating Enclosed Carbon Arc Light Apparatus f  Exposure of Nonmetallic Materials 1504.6

G154—~~12A~~  16A Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials 1504.6

G155—13 Practice for Operating Xenon Arc Light Apparatus for Exposure of  
  Nonmetallic Materials 1504.6, 2615.2

**(S10107 AS)/(R10513 AS)**

**Also – revise as follows:**

**ASTM**

ASTM International

100 Barr Harbor Drive

West Conshohocken, PA  19428-2959

**Add new standard(s) as follows:**

**ASTM**

E2925-17: Standard Specification for Manufactured Polymeric Drainage and Ventilation Materials Used to Provide a Rainscreen Function

**(S9634 / S196-19 AM)**

**Add new standard(s) as follows:**

**ASTM**

C1372-17: Standard Specification for Dry-Cast Segmental Retaining Wall Units

**(S9574 / S115-19 AS)**

*Update the following, all other existing AAMA Standards remain the same:*

E283—04(2012) or E283/283M-19

Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows Curtain Walls, and Doors Under Specified Pressure Difference Across the Specimen                                                                              202

E330/E330M—~~02 or~~14 or 14 (21)

Test Method for Structural Performance of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference

1709.5.2, 1709.5.2.1, 1709.8, 2415.4, 2415.7.1

E331-00 (2009 or 2016)

Test Method for Water Penetration of Exterior Windows, Skylights, Doors and Curtain Walls by Uniform Static Air Pressure Difference

1403.2, 2415.4

E1886--~~12 or~~2013a or 2019

Test Method for Performance of Exterior Windows, Curtain Walls, Doors and Storm Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials                                      1609.1.2, 1709.5.1

E1996-~~-17 or 2012a or~~ 2014a, 2017 or 2020

Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricanes                    449.4.2.5.1, 450.4.2.5.1, 1609.1.2, 1609.1.2.2, 1709.5.1

F2006—~~10 or~~ 17 or 2021

Standard/Safety Specification for Window Fall Prevention Devices for Nonemergency Escape (Egress) and Rescue (Ingress) Windows

1015.8

F2090--17 or 2021

Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms

1015.8, 1015.8.1

**(S10435 AM A2)**

ASTM C1570-03(2016): Standard Test Method for Wind Resistance of Concrete and Clay Roof Tiles (Air Permeability Method)

**(R9953 AS)/** **(R9508 / S14-19)**

**Add new standard(s) as follows:**

**ASTM**

E336-17a: Standard Test Method f or Measurement of Airborne Sound Attenuation between Rooms in Buildings

**(S9435 / G123-18 AM)**

**Add new standard(s) as follows:**

**ASTM**

E1007-16: Test Method f or Field Measurement of Tapping Machine Impact Sound Transmission Through Floor Ceiling Assemblies and Associated Support Structures

**(S9436 / G126-18 AM)**

**Add new standard(s) as follows:**

**ASTM**

E2652-16: Standard Test Method for Behavior of Materials in a Tube Furnace with a Cone-shaped Airflow Stabilizer at 750oC

**(F9235 / FS3-18 AMPC1)**

**ASTM F2286-16 Standard Design and Performance Specification for Removable Mesh Fencing for Swimming Pools, Hot Tubs, and Spas                                   454.2.17.1.15**

(SW10438 AS)

**ASTM**

ASTM International

100 Barr Harbor Drive

West Conshohocken, PA 19428-2959

D3737—18e1 Practice for Establishing Allowable Properties for Structural Glued Laminated Timber (Glulam). .2303.1.3

D5055—19e1 Specification for Establishing and Monitoring Structural

Capacities of Prefabricated Wood I-joists . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2303.1.2

D5456—21e1 Specification for Evaluation of Structural Composite Lumber Products. . . . . . . . . . . . . . . . . . . . . 2303.1.10

D7672—19 Standard Specification for Evaluating Structural Capacities of Rim Board Products and Assemblies . .2303.1.13

**(S10107 AS)**

D6878/D6878M—~~13~~ 21 Standard Specification for Thermoplastic Polyolefin Based Sheet Roofing . . . . . . . . . . . . . . . . . .1507.13.2

**(R10119 AM with A1)**

ASTM ~~D6083-18~~ D6083/D6083M-21        Specification for Liquid-Applied Acrylic Coating Used in Roofing

**(R10513 AS)**

ASTM D8257                                         Standard Specification for Mechnically Attached Polymeric Roof Underlayment Used in Steep Slope Roofing

**(R10145 AS)**

ASTM International

100 Barr Harbor Drive P.O. Box C700

West Conshohocken, PA 19428-2959

Standard

reference

number                                                     Title

|  |
| --- |
|  |

        C1902                                         Standard Specification for Cellular Glass Insulation Used in Building and Roof Applications

(R10479 AS)

AWC

American Wood Council

222 Catoctin SE, Suite 201

Leesburg, VA 20175

Standard Referenced  
reference in code  
number Title section number

AWC WCD No. 4—2003 Wood Construction Data—Plank and Beam Framing for Residential Buildings 2306.1.2, 2314.4.7

ANSI/AWC WFCM—2018 Wood Frame Construction Manual for One- and Two-Family Dwellings 1609.1.1, 1609.1.1.1,

2301.2, 2309.1, 2314.4.7

ANSI/AWC NDS—2018 National Design Specification (NDS) for   
  Wood Construction with 2015 NDS Supplement 202, 722.1, Table 1604.3, 1809.12,

1810.3.2.4, Table 1810.3.2.6, 1905.1.8,  
2304.13, 2306.1, Table 2306.2(1), Table 2306.2(2),

Table 2306.3(1), Table 2306.3(2), 2307.1, 2314.4.7

AWC STJR—~~2015~~ 2021 Span Tables for Joists and Rafters 2306.1.1, 2314.4.7

ANSI/AWC PWF—~~2015~~ 2021 Permanent Wood Foundation Design Specification 1805.2, 1807.1.4, 2304.10.5.2, 2314.4.7

ANSI/AWC SDPWS—~~2015~~ 2021 Special Design Provisions for Wind and Seismic 202, 2305.1, 2305.2, 2305.3, 2306.1, 2306.2,

2306.3, Table 2306.3(1), Table 2306.3(3), 2307.1, 2314.4.7

AWPA

American Wood Protection Association

P.O. Box 361784

Birmingham, AL 35236-1784

Standard Referenced  
reference in code  
number Title section number

C1—03 All Timber Products-Preservative Treatment by Pressure Processes 1505.6

M4—2015 Standard for the Care of Preservative-treated Wood Products 1810.3.2.4.1, 2303.1.9, 2314.4.5

U1—~~16~~ 20 USE CATEGORY SYSTEM: User Specification for Treated Wood  
  Except Commodity Specification H 1403.6, Table 1507.9.6, 1807.1.4, 1807.3.1,

1809.12, 1810.3.2.4.1, 2303.1.9, 2304.12.1,   
2304.12.4, 2304.12.3, 2304.12.5, 2314.4.5

AWS

American Welding Society

8669 NW 36 Street, #130

Doral, FL 33166

Standard Referenced  
reference in code  
number Title section number

B2.1—B2.1M—~~2018~~ 2014-AMD1 Specification for Welding Procedure and Performance Qualification 2214.3

D1.1—D1.1M—2020 Structural Welding Code—Steel 2214.3

D1.2 Structural Welding Code—Aluminum 2003.3

D1.3—D1.3M—2018 Structural Welding Code—Sheet Steel 2214.3

D1.4—D1.4M—~~2017~~ 2018-ADMD1 Structural Welding Code—Reinforcing Steel 2214.3

D9.1—D9.1M—2018 Sheet Metal Welding Code 2214.3

**(S9988 AS)**

D1.4—D1.4M—~~2017~~ 2018-AMD1 Structural Welding Code—Reinforcing Steel 2214.3

B2.1—B2.1M—~~2018~~ 2014-AMD1 Specification for Welding Procedure and Performance Qualification 2214.3

(S9988 AS)

BHMA

Builders Hardware Manufacturers’ Association

355 Lexington Avenue, 17th Floor

New York, NY 10017-6603

Standard Referenced  
reference in code  
number Title section number

A156.10—~~2011~~ 2017 Power Operated Pedestrian Doors 1010.1.4.2

A156.19—~~2013~~ 2020 Standard for Power Assist and Low Energy Operated Doors 1010.1.4.2

A156.27—~~11~~ 2019 Power and Manual Operated Revolving Pedestrian Doors 1010.1.4.1

A156.38—~~2014~~ 2020 Low Energy Power Operated Sliding and Folding Doors 1010.1.4.2

**Add new standard(s) as follows:**

BHMA

A156.41-2013: Door Controls-Closers

**(F9155 / E54-18 AM)**

CEN

European Committee for Standardization (CEN)

Central Secretariat

Rue de Stassart 36

B-10 50 Brussels

Standard Referenced  
reference in code  
number Title section number

EN 1081—98 Resilient Floor Coverings—Determination of the Electrical Resistance 406.7.1

BS EN 15250—2007 Slow Heat Release Appliances Fired By Solid Fuel Requirements and Test Methods 2112.2, 2112.5

CGSB

Canadian General Standards Board

Place du Portage 111, 6B1

11 Laurier Street

Gatineau, Quebec, Canada KIA 1G6

Standard Referenced  
reference in code  
number Title section number

37-GP-52M (1984) Roofing and Waterproofing Membrane, Sheet Applied, Elastomeric 1504.7, 1507.12.2

37-GP-56M (1980) Membrane, Modified, Bituminous, Prefabricated and  
  Reinforced for Roofing—with December 1985 Amendment 1507.11.2

CAN/CGSB 37.54—95 Polyvinyl Chloride Roofing and Waterproofing Membrane 1507.13.2

CISCA

Ceilings and Interior Systems Construction Association

1010 Jorie Blvd., Suite 30

Oak Brook, IL 60523

Standard Referenced  
reference in code  
number Title section number

CISCA—2007 Recommended Test Procedures for Access Floors 3115.4.2, 3115.4.3

CPA

Composite Panel Association

19465 Deerfield Avenue, Suite 306

Leesburg, VA 20176

Standard Referenced  
reference in code  
number Title section number

ANSI A135.4—2012 Basic Hardboard 1404.3.1, 2303.1.7, 2314.4.1

ANSI A135.5—2012 Prefinished Hardboard Paneling 2303.1.7, 2304.7

ANSI A135.6—2012 Engineered Wood Siding 1404.3.2, 2303.1.7, 2314.4.1

A208.1—2016 Particleboard 2303.1 8, 2303.1. 8.1

CPSC

Consumer Product Safety Commission

4330 East West Highway

Bethesda, MD 20814-4408

Standard Referenced  
reference in code  
number Title section number

16 CFR Part 1201 (2002) Safety Standard for Architectural Glazing Material 2406.2, Table 2406.2(1),

2406.3.1, 2407.1, 2407.1.4.1, 2408.2.1,  
2408.3, 2409.2, 2409.3.1, 2409.4.1

16 CFR Part 1209 (2002) Interim Safety Standard for Cellulose Insulation 720.6

16 CFR Part 1404 (2002) Cellulose Insulation 720.6

16 CFR Part 1500 (2009) Hazardous Substances and Articles; Administration and Enforcement Regulations 202

16 CFR Part 1500.44(2009) Method for Determining Extremely Flammable and Flammable Solids 202

16 CFR Part 1507 (2002) Fireworks Devices 202

16 CFR Part 1630 (2007) Standard for the Surface Flammability of Carpets and Rugs 804.4.1, 804.4.2

Pub. No. 362 Safety Barrier Guidelines for Home Pools 454.1.3.1.9

CSA

Canadian Standards Association

8501 East Pleasant Valley

Cleveland, OH 44131-5516

Standard Referenced  
reference in code  
number Title section number

AAMA/WDMA/CSA  
101/I.S.2/A440—08, 11 or 17or19 Specifications for Windows, Doors and Unit Skylights 1010.1.7, 1709.5.1, 2405.5, 2411.3.2.1

ASME A17.7-2007/CSA B44.7-07 Performance-based Safety Code for Elevators and Escalators

CSSB

Cedar Shake and Shingle Bureau

P. O. Box 1178

Sumas, WA 98295-1178

Standard Referenced  
reference in code  
number Title section number

CSSB—97 Grading and Packing Rules for Western Red Cedar Shakes and   
  Western Red Shingles of the Cedar Shake and Shingle Bureau Table 1507.8.5, Table 1507.9.6

New Roof Construction Manual (2015) 1507.8

DASMA

Door and Access Systems Manufacturers Association International

1300 Summer Avenue

Cleveland, OH 44115-2851

Standard Referenced  
reference in code  
number Title section number

ANSI/DASMA 107—2017 Room Fire Test Standard for Garage Doors Using Foam Plastic Insulation 2603.4.1.9

108—05, 12 or 17 Standard Method for Testing Sectional Garage Doors, Rolling Doors  
  and Flexible Doors: Determination of Structural Performance  
  Under Uniform Static Air Pressure Difference 1709.5.2.1

115—05, 12 or 17 Standard Method for Testing Sectional Garage Doors, Rolling Doors  
  and Flexible Doors: Determination of Structural  
  Performance Under Missile Impact and Cyclic Wind Pressure 1609.1.2

DECO

Document Engineering Co., Inc.

5210 Stagg Street

Van Nuys, CA 9140

5

Standard Referenced  
reference in code  
number Title section number

ANSI Z358.1—04 Emergency Eyewash and Shower Equipment 450.3.11.7

DOC/NIST

U.S. Department of Commerce

National Institute of Standards and Technology

100 Bureau Drive Stop 3460

Gaithersburg, MD 20899

Standard Referenced  
reference in code  
number Title section number

CS236 Mat-Formed Particleboard 2314.4.6

PS-1—~~09~~ 19 Structural Plywood 2303.1.5, 2304.7, Table 2304.8(4),

2304.8(5), Table 2306.2(1), Table 2306.2(2), 2314.4.6

PS-2—~~10~~ 18 Performance Standard for ~~Wood-based~~ Wood Structural~~-use~~ Panels 2303.1.5, 2304.7, 2304.8(5),

Table 2306.2(1), Table 2306.2(2), 2314.4.6

PS 20—05 American Softwood Lumber Standard 202, 1810.3.2.4, 2303.1.1, 2314.4.6

~~PS 56 Structural Glued Laminated Timber~~ 2314.4.6

**(S10107 AS)**

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| **DOC/NIST**  U.S. Department of Commerce  National Institute of Standards and Technology  100 Bureau Drive Stop 3460  Gaithersburg, MD 20899  CS236 Mat-Formed Particleboard . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2314.4.6  PPS 1—19 Structural Plywood. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2303.1.5, 2304.7, Table 2304.8(4),  2304.8(5), Table 2306.2(1), Table 2306.2(2), 2314.4.6  PPS 2—18 Performance Standard for Wood Structural Panels . . . . . . . . . . . . . 2303.1.5, 2304.7, 2304.8(5),  Table 2306.2(1), Table 2306.2(2), 2314.4.6  PS 20—05 American Softwood Lumber Standard. . . . . . . . . . . . . . . . . . . . . . . . . . .202, 1810.3.2.4, 2303.1.1, 2314.4.6  ~~PS 56 Structural Glued Laminated Timber . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2314.4.6~~ |
|  |

**(S10107 AS)**

DOL/OSHA

U.S. Department of Labor

Occupational Safety and Health Administration

Frances Perkins Building

200 Constitution Avenue NW

Washington, DC 20210

Standard Referenced  
reference in code  
number Title section number

29 CFR   
Part 1910.1000 (2015) Air Contaminants 202

29 CFR 1910.1200 OSHA Hazard Communication Standard 202, 453.6.2

DOTn

U.S. Department of Transportation

c/o Superintendent of Documents

1200 New Jersey Avenue, SE

Washington, DC 20402-9325

Standard Referenced  
reference in code  
number Title section number

14 CFR Part 150 (2005) The Aviation Safety and Noise Abatement Act of 1979 3114.1

49 CFR Parts 100–185—2015 Hazardous Materials Regulations 202

49 CFR Part 172—2015 Hazardous Materials Tables, Special Provisions, Hazardous Materials  
  Communications, Emergency Response Information and Training Requirements 202

49 CFR Parts 173.137  
(2009) Shippers—General Requirements for Shipments and Packaging—  
  Class 8—Assignment of Packing Group 202

49 CFR—Parts 173–178—(2015) Specification of Transportation of Explosive and Other  
  Dangerous Articles, UN 0335, UN 0336 Shipping Containers 202

FDOE

Florida Office of Educational Facilities

1014 Turlington Building

325 West Gaines Street

Tallahassee, FL 32399-0400

Standard Referenced  
reference in code  
number Title section number

SREF Size of Space and Occupant Design Criteria 453.4.1, 453.8.2

SREF Life Cycle Cost Guidelines for Materials and Building Systems for Florida’s  
  Public Educational Facilities 453.8.7

FEMA

Federal Emergency Management Agency

Federal Center Plaza

500 C Street S.W.

Washington, DC 20472

Standard Referenced  
reference in code  
number Title section number

FEMA-TB-11—01 Crawlspace Construction for Buildings Located in Special Flood Hazard Areas 1805.1.2.1

FGI

The Facility Guidelines Institute

9750 Fall Ridge Trail

St. Louis, MO 63127

Standard Referenced  
reference in code  
number Title section number

GHCF—18 Guidelines for Design and Construction of Hospitals

449.2.2,

449.3.2, 449.3.3, 449.3.4, 449.3.5,

449.3.6, 449.3.7, 449.3.9, 449.3.11,

449.3.13, 469.2.1.2

GHCF—18 Guidelines for Design and Construction of Outpatient Facilities 451.2.2, 451.3.3, 451.3.3.1, 451.3.4,

451.3.5, 451.3.6, 451.3.8, 451.3.10, 451.3.13, 469.2.1.2

GHCF—18 Guidelines for Design and Construction of Residential Health, Care, and   
  Support Facilities (First Printing 2018)

450.2.2, 450.3.2, 450.3.3.1, 450.3.3.2, 450.3.3.3, 450.3.3.4,

450.3.3.5, 450.3.3.6, 450.3.4, 450.3.4.3, 450.3.4.4, 450.3.5, 450.3.6,   
450.3.7, 450.3.8, 450.3.9, 450.3.11, 450.3.14, 450.3.15

**Revise as follows:**

FGI The Facility Guidelines Institute

9750 Fall Ridge Trail

St. Louis, MO 63127

Standard referenced number   Title

GHCF—~~18~~ 22 Guidelines for Design and Construction of Hospitals

GHCF—~~18~~ 22 Guidelines for Design and Construction of Outpatient Facilities

GHCF—~~18~~22 Guidelines for Design and Construction of Residential Health, Care, and

Support Facilities ~~(First Printing 2018)~~

(SP10484 AS)

FINA

Federation Internationale de Natation Amateur

Av. de l’ Avant-Poste 4

1005 Lausanne

SWITZERLAND

Standard Referenced  
reference in code  
number Title section number

CHG-22 FINA Handbook 1998—2000 454.1.2.2.1

FINA Handbook 2005—2009 454.1.2.7

Florida Codes

Florida Building Commission

Building Codes and Standards Office

Department of Business and Professional Regulation

2601 Blair Stone Road

Tallahassee, FL 32399

Standard Referenced  
reference in code  
number Title section number

FBC-A–Eight Edition (2023) Accessibility 101.4.8, 202, 315.6, 412.3.6, 413.3.6, 419.9, 453.10.2.7.7,

453.10.2.8.7, 453.27.4, 454.1.3.1.2, 457.1.4.1.1, 457.1.4.4.1, 457.1.4.4.2, 466.7.1.1,

467.2.2.2, 467.3.1.4, 467.9.2.1.3, 907.1.4, 907.9, 1003.3.4, 1003.5.1, 1004.6, 1009.1,

1010.1, 1010.1.9.8.1, 1010.7.1, 1011.6, 1011.7.1, 1011.17, 1012.1, 1012.2, 1012.3, 1012.6, 1012.6.1,

1012.6.3, 1012.6.4, 1012.10, 1013.4, 1014.3, 1014.6, 1023.9, 1101.1.1, 3001.3, 3006.11

FBC-B– Eight Edition (2023) Building 101.4.9, 102.1.1, 102.2.2, 102.6.1, 117.1, 449.3.3.2, 449.3.5.1, 449.3.11.5,

449.4.2.2.5, 449.4.2.5.4, 449.4.2.6.1.1, 450.4.2.6.1.1, 451.3.10.12,

453.5.5.1,

453.5.5.2, 453.13.7.1, 454.1.4.1, 454.1.4.2.3, 454.1.6.5.16.4.1, 454.1.6.5.16.5.1, 454.1.9.8.5,

454.1.11.7, 454.2.1.2, 454.2.16, 455.3.5, 456.3.5, 457.1.4.1.4, 460.6, 467.2.4, 467.6.1, 1523.2,

1523.5.1, 1524.1, 1609.1.2.4.1, 1625.4, 1905.1.2, 1905.1.5, 3115.2.4, 3115.4.1, 3115.4.4,

B201, B305.2, B306.2, B307.2.1, C406.2.1, C502.1, C602.1.5, E104.2, E201, E305.2, E306

FBC-EC– Eight Edition (2023) Energy Conservation 101.4.6, 201.3, 202, 1203.1, Table 1203.3, 1203.4.2, 1301.1.1, 1405.3.1

FBC-EB– Eight Edition (2023) Existing Building 101.4.7, 102.2, 102.6, 202, 449.1.3, 450.1.3, 451.1.3,

467.1.3, Table 504.3, Table 504.4, Table 506.2, 1011.5.2,

1507.1.1.1, 1511.1.1, 2701.1, 3109.1.1

FBC-FG– Eight Edition (2023) Fuel Gas 101.4.1, 201.3, 406.1.9, 415.9.2, 454.2.1.2, 454.2.15, 455.3.7, 456.3.6.1,

456.3.6.2, 2113.11.1.2, 2113.15, 2702.2.5, 2801.1, B201, E201

FBC-M– Eight Edition (2023) Mechanical 101.4.2, 201.3, 406.1.9, 409.3, 412.6.6, 414.1.2, 414.3, 415.9.1, 415.9.1.7, 415.9.2,

415.9.3, 415.11.11, 416.2.2, 416.3, 417.1, 419.8, 421.5, 426.1.4, 453.15.5, 454.2.1.2,

460.6.2, 460.7.2, 460.10.2, 603.1, 603.1.1, 603.1.2, 712.1.6, 717.2.2, 717.5.3, 717.5.4, 717.5.5,

717.6.1, 717.6.2, 717.6.3, 718.5, 720.1, 720.7, 903.2.11.4, 904.2.2, 904.12, 907.3.1, 909.1,

909.10.2, 909.13.1, 910.4.7, 1006.2.2.3, 1011.16, 1020.5.1, 1203.1, 1203.2.1, 1203.5.2,

1203.5.2.1, 1203.6, 1209.3, 2304.5, 2702.2.5, 2801.1, 3111.2, B201, C502.1, E201

Florida Codes—continued

FBC-P– Eight Edition (2023) Plumbing 101.4.3, 110.3, 201.3, 415.9.3, 449.3.9.1, 451.3.8.1, 452.2.15.1,

454.1.11.2, 454.2.1.2, 454.2.3, 454.2.8.1, 454.2.13.2, 455.3.2.1, 455.4.2, 456.3.1.1, 456.3.2.1,

457.1.4.1.2, 460.6.1, 603.1.2, 718.5, 903.3.5, 904.11.1.4, 912.6, 1206.3.3, 1503.4, 1503.4.1, 1503.4.2.1,

1514.4, 1514.4.2, 1514.4.3, 1524.1, 1805.4.3, 2901.1, Table P2902.1, 3111.2, 3305.1, B201, E201

FBC-R– Eight Edition (2023) Residential 101.2, 102.6.1, 105.15, 117.1, 305.2.3, 308.3.4, 308.4.2, 308.6.4,

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TAS 301 1515.1.3

FM

Factory Mutual Global Research

Standards Laboratories Department

1151 Boston-Providence Turnpike

Norwood, MA 02062

Standard Referenced  
reference in code  
number Title section number

4430 (2012) Approval Standard for Heat and Smoke Vents 910.3.1

4470—2016 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 1504.7, 1515.1.1, 1515.2.4

4471 (1992) Approval Standard for Class I Panel Roofs 1515.1.1, Table 1515.2, 1523.6.5.2.4.1

4474 (2011) American National Standard for Evaluating the Simulated Wind Uplift Resistance of   
  Roof Assemblies Using Static Positive and/or Negative Differential Pressures 1504.3.1, 1504.3.3

4880—~~2015~~ 2017 Approval American National Standard for ~~Class 1 Rating of Building Panels or~~ Evaluating the Fire performance Insulated Building Panel Assemblies and Interior Finish Materials 2603.9

FRSA

Florida Roofing Sheet Metal and Air Conditioning Contractors Association

P.O. Box 4850

Winter Park, FL 32793

Standard Referenced  
reference in code  
number Title section number

FRSA/TRI  
September 2018(09—18) Florida High Wind Concrete and Clay Roof Tile  
  Installation Manual, Sixth Edition Revised 1507.3.2, 1507.3.3, 1507.3.3.1,

1507.3.7, 1507.3.8, 1507.3.9

**Revise as follows:**

**FRSA**

**Florida Roofing and Sheet Metal ~~and Air Conditioning~~ Contractors Association.**

**P.O. Box 4850**

**Winter Park, FL32793**

**FRSA/TRI Alliance**

**Florida High Wind Concrete and Clay Roof Tile Installation Manual, ~~Sixth~~ Seventh Edition ~~Revised~~**

**~~September~~ December 20~~18~~ 23 (~~09~~ 12—~~18~~ 22)**

**1507.3.2, 1507.3.3, 1507.3.3.1, 1507.3.7, 1507.3.8, 1507.3.9**

**(R9950 AS)**

FS

Federal Specification

941 Jefferson Davis Highway, Suite 104

Arlington, VA 22202

Standard Referenced  
reference in code  
number Title section number

TTC 555B Test Specification for Wind Driven Rain Infiltration Resistance 1523.6.2.1.1, 1523.6.3.1

GA

Gypsum Association

6525 Belcrest Road, Suite 480

Hyattsville, MD 20782

Standard Referenced  
reference in code  
number Title section number

GA 216—~~2016~~ 2018 Application and Finishing of Gypsum Panel Products Table 2508.1, 2509.2  
GA 600—~~2015~~ 2018 Fire-Resistance and Sound Control Design Manual, ~~21st~~ 22nd Edition Table 721.1(1), Table 721.1(2), Table 721.1(3)

GSA

General Services Administration

1800 F Street, NW

Washington, DC 20405

Standard Referenced  
reference in code  
number Title section number

DD-G-451c (1977) Standard for Glass, Flat and Corrugated, for Glazing Mirrors

and Other Uses 2411.1.2

HPVA

Hardwood Plywood Veneer Association

1825 Michael Faraday Drive

Reston, VA 20190

Standard Referenced  
reference in code  
number Title section number

ANSI/HPVA HP-1—2016 American National Standard for Hardwood and Decorative Plywood 2303.3, 2304.7

ICC

International Code Council, Inc.

500 New Jersey Ave, NW

6th Floor

Washington, DC 20001

Standard Referenced  
reference in code  
number Title section number

ICC A117.1—09 Accessible and Usable Buildings and Facilities 202, 907.5.2.3.3, 1009.8.2, 1009.9,

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ICC 500—14 ICC/NSSA Standard on the Design and Construction of  
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ICC 600—14 Standard for Residential Construction in High-wind Regions 1609.1.1, 1609.1.1.1

SBCCI SSTD 11—97 Test Standard for Determining Wind Resistance of Concrete or Clay Roof Tiles 1504.2.1.1, 1504.2.1.2

Revise as follows:

**ICC**

1100-2018: Standard for Spray-applied Foam Plastic Insulation

**(F9324 / FS155-18 AS)**

**ICC**

International Code Council, Inc.500 New Jersey Ave NW 6th Floor

Washington DC 20001US

ICC A117.1-~~09~~ 2017:

Accessible and Usable Buildings and Facilities

**(S9437 / G127-18 AS)**

IEEE

Institute of Electrical and Electronics Engineers

2001 L Street, NW, Suite 700

Washington, DC 20036-491

0

Standard Referenced  
reference in code  
number Title section number

IEEE Appropriate standards for the type of equipment being protected 457.1.4.1.5, 449.3.15.5, 450.3.19.4

IESNA

Illuminating Engineering Society of North America

120 Wall Street, 17th Floor

New York, NY 10005-4001

Standard Referenced  
reference in code  
number Title section number

ANSI/IESNA RP-28-07 Lighting and the Visual Environment for Senior Living 450.3.15.3

ANSI/IESNA TM-15-11  
Addendum A Backlight, Uplight, and Glare (BUG) Ratings Table 453.10.3.7(2)

ISO

International Organization for Standardization

ISO Central Secretariat

1 ch, de la Voie-Creuse, Case Postale 56

CH-1211 Geneva 20, Switzerland

Standard Referenced  
reference in code  
number Title section number

ISO 8115—86 Cotton Bales—Dimensions and Density Table 307.1(1), Table 415.11.1.1.1

ISO 8336—09 Fiber-Cement Flat Sheets - Product Specification and Test Methods 1404.10, 1405.16.1,

1405.16.2, Table 2509.2

MHI

Material Handling Institute

8720 Red Oak Blvd. Suite 201

Charlotte, NC 28217

Standard Referenced  
reference in code  
number Title section number

ANSI MH29.1—08 Safety Requirements for Industrial Scissors Lifts Table 3001.2

MIA

Marble Institute of America

28901 Clemens Road, Suite 100

Cleveland, OH 44145

Standard Referenced  
reference in code  
number Title section number

MIA (1998) Appropriate standards for marble selection, cutting and design 460.6.4, 460.7.1.3, 460.9.2

NAAMM

National Association of Architectural Metal Manufacturers

800 Roosevelt Road, Bldg. C, Suite 312

Glen Ellyn, IL 60137

Standard Referenced  
reference in code  
number Title section number

FP 1001—~~17~~ 18 Guide Specifications for Design of Metal Flag Poles 1609.1.1

NAAMM MBG 531—2017 Metal Grating Manual

2214.3

NCMA

National Concrete Masonry Association

13750 Sunrise Valley

Herndon, VA 22071-4662

Standard Referenced  
reference in code  
number Title section number

TEK 5—84 (~~1996~~2005) Details for Concrete Masonry Fire Walls Table 721.1(2)

NFPA

National Fire Protection Association

1 Batterymarch Park

Quincy, MA 02169-7471

Standard Referenced  
reference in code  
number Title section number

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11—16 Standard for Low **Low-, Medium, and High** Expansion Foam 904.7

12—~~15~~18 Standard on Carbon Dioxide Extinguishing Systems 904.8, 904.12

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13D—~~16~~ 19 Standard for the Installation of Sprinkler Systems in One- and Two-family  
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13R—~~16~~ 19 Standard for the Installation of Sprinkler Systems in  
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14—~~16~~ 19 Standard for the Installation of Standpipe and Hose System 905.2, 905.3.4, 905.4.2, 905.6.2,

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16—~~15~~ 19 Standard for the Installation of Foam-water Sprinkler and Foam-water Spray Systems 904.7, 904.12

17—~~17~~ 20 Standard for Dry Chemical Extinguishing Systems 904.6, 904.12

17A—~~17~~ 20 Standard for Wet Chemical Extinguishing Systems 904.5, 904.12

20—~~16~~ 19 Standard for the Installation of Stationary Pumps for Fire Protection 412.3.4.1, 449.3.10,

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30—~~18~~ 21 Flammable and Combustible Liquids Code 415.6, 468.3.6.5, 507.8.1.1.1, 507.8.1.1.2

30A—~~18~~ 21 Code for Motor Fuel-Dispensing Facilities and Repair Garages 406.1.9.2

31—~~15~~ 20 Standard for the Installation of Oil-burning Equipment 2113.15

32—16 Standard for ~~Dry Cleaning Plants~~ Dry cleaning Facilities 415.9.3

40—~~16~~ 19 Standard for the Storage and Handling of Cellulose Nitrate Film 409.1

45-19 Standard on Fire Protection for Laboratories Using Chemicals (2015 Edition)

55-19 Compressed Gases and Cryogenic Fluids Code

58—~~17~~ 20 Liquefied Petroleum Gas Code 415.9.2

61—~~17~~ 20 Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Product Facilities 426.1

70—~~17~~ 20 National Electrical Code (NEC) 108.3, 406.1.7, 406.1.9, 415.11.1.8, 449.4.2.9.1, 450.4.2.9.1,

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82—~~14~~ 19 Standard on Incinerators and Waste and Linen Handling Systems and Equipment 713.13

85—~~15~~ 19 Boiler and Combustion System Hazards Code 426.1

91—04 Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and  
  Noncombustible Particulate Solids 468.3.6.5

92—~~15~~ 18 Standard for Smoke Control Systems 909.7, 909.8

96—2017 Standard for Ventilation Control and Fire Protection of Commercial  
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99—~~18~~21 Health Care Facilities Code 407.10, 425.1, 422.6, 449.3.11.10, 449.3.13, 449.3.13.7,

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457.1.4.13.2, 457.2.2.1.1, 457.1.4.13.2, 467.3.2.2, 469.3.1, 469.3.2,

469.4.14.10.1

, 903.2.11.3.1, 1029.6.2

105—~~16~~ 19 Standard for Smoke Door Assemblies and Other Opening Protectives 405.4.2, 710.5.2.2,

716.5.3.1, 717.4.1.2, 909.20.4.1, 2702.1.3

110—~~16~~ 19 Standard for Emergency and Standby Power Systems 449.3.14.1, 449.3.14.3, 449.3.14.7,

449.3.14.10, 450.3.18.1, 450.3.18.3, 451.3.13.1,

451.3.13.3, 467.2.8.1, 469.4.14.9.2, 2702.1.2

111—~~16~~ 19 Standard on Stored Electrical Energy Emergency and Standby Power Systems 469.4.14.9.2, 2702.1.3

113-19 Standard on Stored Electrical Energy Emergency and Standby Power Systems

120—~~15~~ 20 Standard for Fire Prevention and Control in Coal Mines 426.1

170—18 Standard for Fire Safety and Emergency Symbols 1025.2.6.1

211—~~16~~ 19 Standard for Chimneys, Fireplaces, Vents and Solid Fuel-burning Appliances 2112.5

221—~~18~~21 Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls 706.2

252—17 Standard Methods of Fire Tests of Door Assemblies Table 716.3, 716.3.1, 716.4,

716.5.1, 716.5.3, 716.5.4, 716.5.5.1, 716.5.8.1.1

253—~~15~~ 19 Standard Method of Test for Critical Radiant Flux of Floor Covering Systems  
  Using a Radiant Heat Energy Source 406.1.4, 406.8.3, 424.2, 804.2, 804.3

257—17 Standard for Fire Test for Window and Glass Block Assemblies Table 716.3, 716.4, 716.5.3.2, 716.6,

716.6.1, 716.6.2, 716.6.7.3

259—18 Standard Test Method for Potential Heat of Building Materials 2603.4.1.10, 2603.5.3

265—~~2015~~ 2019 Standard Methods of Fire Tests for Evaluating Room Fire Growth  
 Contribution of Textile or Expanded Vinyl Wall Coverings on Full Height Panels and Walls 803.1.3, 803.1.3.1

268—2017 Standard Test Method for Determining Ignitability of Exterior  
  Wall Assemblies Using a Radiant Heat Energy Source 1406.2.1.1, 1406.2.1.1.1, 1406.2.1.1.2,

2603.5.7, D105.1, D106

275—17 Standard Method of Fire Tests for the Evaluation of Thermal Barriers 1407.10.2, 1409.10.2, 2603.4

276—~~15~~ 19 Standard Method of Fire Tests for Determining the Heat Release Rate of   
  Roofing Assemblies With Combustible Above-Deck Roofing Components 1508.1, 2603.3, 2603.4.1.5

285—12 Standard Fire Test Method for the Evaluation of Fire Propagation Characteristics of  
  Exterior Nonload-bearing Wall Assemblies Containing Combustible Components 718.2.6, 1403.5,

1407.10.4, 1409.10.4,  
1510.6.2, 2603.5.5

286—~~15~~  19 Standard Methods of Fire Test for Evaluating Contribution of   
  Wall and Ceiling Interior Finish to Room Fire Growth 402.6.4.4, 803.1.2, 803.1.2.1, 803.11,

1407.10.3, 2603.7, 2603.9, 2604.2.4, 2614.4

288—17 Standard Methods of Fire Tests of Horizontal Fire Door Assemblies  
  Installed in Horizontal in Fire-resistance-rated Floor Systems 712.1.13.1

289—~~13~~ 19 Standard Method of Fire Test for Individual Fuel Packages 402.6.2, 402.6.4.5, 424.2, 806.4

409—16 Standard for Aircraft Hangars 412.4.6, Table 412.4.6, 412.4.6.1, 412.6.5

418—16 Standard for Heliports 412.8.4

484—~~18~~ 19 Standard for Combustible Metals 426.1

NFPA—continued

652-19 Standard on the Fundamentals of Combustile Dust

654—~~17~~  20 Standard for the Prevention of Fire & Dust Explosions from the Manufacturing,  
  Processing and Handling of Combustible Particulate Solids 426.1

655—17 Standard for the Prevention of Sulfur Fires and Explosions 426.1

664—~~17~~ 20 Standard for the Prevention of Fires and Explosions in Wood Processing and  
  Woodworking Facilities 426.1

701—~~15~~ 19 Standard Method of Fire Tests for Flame-Propagation of Textiles and Films 410.3.6, 424.2, 801.4, 806.1,

806.3, 806.4, 3102.3, 3102.3.1,  
3102.6.1.1, 3105.3.4.1, 3105.4, 3105.6, D102.2.8, D106, H106.1.1, H115

704—17 Standard System for the Identification of the Hazards of  
  Materials for Emergency Response 202, 415.5.2

750—~~15~~ 19 Standard on Water Mist Fire Protection Systems 202, 904.11.1.1

780—17 Standard for the Installation of Lightning Protection Systems 449.3.15.1, 450.3.19.1, 453.17.7

1124—17 Code for the Manufacture, Transportation and Storage of Fireworks and  
  Pyrotechnic Articles 415.6.1.1

2001—~~15~~ 20 Standard on Clean Agent Fire Extinguishing Systems 904.10

2010-20 Standard for Fixed Aerosol Fire-extinguishing Systems

C618-12a Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan  
  for Use in Concrete 1917.4.4

C869—11 Specification for Foaming Agents Used in Making Preformed Foam for Cellular   
  Concrete Table 1508.2, 1917.4.5

Ann Arbor, MI 48113-0140, USA

Standard Referenced  
reference in code  
number Title section number

NSF 50—11 Equipment for Pools, Spas, Hot Tubs, and Other Recreational  
  Water Facilities 454.1.1, 454.1.2.1, 454.1.6.5.1, 454.1.6.5.16,

454.1.6.5.16.4.2,

454.1.6.5.16.5.2, 454.1.9.2.5.2, 454.1.9.8.6.1, 454.1.10.3, 454.1.11.9

NSF 60—05 Drinking Water Treatment Chemicals—Health Effects 454.1.2.1, 454.1.6.5.18, 454.1.11.19

**NFPA**

Also – revise as follows:

68—13: Standard on Explosion Protection by Deflagration Venting

**(F9815/F168-18 AS)**

NFPA 275—17 Standard Method of Fire Tests for the Evaluation of Thermal Barriers

508.4.4.1, 509.4.1, 1407.10.2, 1409.10.2, 2603.4

**(S10353 AS)**

PCI

Precast Prestressed Concrete Institute

200 West Adams Street, Suite 2100

Chicago, IL 60606-6938

Standard Referenced  
reference in code  
number Title section number

MNL 124—~~11~~  18 ~~Design~~Specification for Fire Resistance of Precast Prestressed Concrete 722.2.3.1

MNL 128—~~01~~ 19 ~~Recommended Practice~~ Specification for Glass Fiber Reinforced Concrete Panels 1903.3

**Update standard(s) as follows:**

PCI

Precast Prestressed Concrete Institute 200 West Adams Street, Suite 2100 Chicago IL 60606-6938

US

~~MNL~~ PCI 124-~~11~~18:

~~Design~~ Specification for Fire Resistance of Precast Prestressed Concrete

**(F9282 / FS77-18 AS)**

PTI

Post-Tensioning Institute

38800 Country Club Drive

Farmington Hills, MI 48331

Standard Referenced  
reference in code  
number Title section number

PTI DC—10.5-~~12~~ 19 Standard Requirements for Design and Analysis of Shallow Post-Tensioned Concrete  
  Foundations on Expansive and Stable Soils 1808.6.2

RCSC

Research Council on Structural Connections

c/o Stanley D. Lindsey & Assoc. Ltd.

2244 Metro Center Blvd., Suite 208

Nashville, TN 37228-1320

Standard Referenced  
reference in code  
number Title section number

RCSC—14 Specification for Structural Joints Using High Strength Bolts 2214.3

RCSC-20~~14~~, Specification for Structural Joints Using High-Strength Bolts, 2020             2214.3

**(S10135 AS)**

RMI

Rack Manufacturers Institute

8720 Red Oak Boulevard, Suite 201

Charlotte, NC 28217

Standard Referenced  
reference in code  
number Title section number

ANSI/MH16.1—12 Specification for Design, Testing and Utilization of Industrial Steel Storage Racks 2209.1

ANSI/MH16.3—16 Specification for the Design, Testing, and Utilization of Industrial Steel   
  Cantilevered Storage Racks 2209.2

SBCA

Structural Building Components Association

6300 Enterprise Lane

Madison, WI 53719

Standard Referenced  
reference in code  
number Title section number

ANSI/FS 100-12(R2018) Standard Requirements for Wind Pressure Resistance of Foam Plastic Insulating  
  Sheathing Used in Exterior Wall Covering Assemblies 2603.10

SDI

Steel Deck Institute

P. O. Box 25

Fox River Grove, IL 60021

Standard Referenced  
reference in code  
number Title section number

ANSI/SDI NC—2017 Standard for Noncomposite Steel Floor Deck 2210.1.1.1, 2214.3

ANSI/SDI RD—2017 Standard for Steel Roof Deck 2210.1.1.2, 2214.3

DDM—04 Diaphragm Design Manual 2214.3, 2222.4

ANSI/SDI C—2017 Standard for Composite Steel Floor Deck Slabs 2210.1.1.3, 2214.3

Update standards as follows:

SDI

DDM04-15~~DDM--04~~, Diaphragm Design Manual, 4th Edition, 2015, with Addendum 1 (2015) and Addendum 2 (2016)             2214.3, 2222.4

**(S10133 AS)**

SJI

Steel Joist Institute

234 W. Cheves Street

Florence, SC 29501

Standard Referenced  
reference in code  
number Title section number

SJI-100—15 Standard Specification for K-Series, LH-Series, and DLH-Series Open Web  
  Steel Joists and for Joist Girders, 2015 1604.3.3, 2203.2, 2207.1

SJI-200—15 Standard Specification for Composite Steel Joists, CJ-series 1604.3.3, 2203.2, 2207.1

SJI—07 Structural Design of Steel Joist Roofs to Resist Ponding Loads, Technical Digest No. 3 2214.3

SJI—15 Vibration of Steel Joist-Concrete Slab Floors, Technical Digest No. 5 2214.3

SJI—12 Design of Steel Joist Roofs to Resist Uplift Loads, Technical Digest No. 6 2214.3

SJI—08 Welding of Open Web Steel Joist and Joist Girders, Technical Digest No. 8 2214.3

SJI—08 Handling and Erection of Steel Joists and Joist Girders, Technical Digest No. 9 2214.3

SJI—17 44th Edition Standard Specifications Load Tables and Weight Tables for Steel  
  Joists and Joist Girders 2214.3

SJI—18 90 Years of Open Web Steel Joist Construction 2214.3

SJI-07 Design of Lateral Load Resisting Frames Using Steel Joists and  
  Joist Girders, Technical Digest No. 11 2214.3

|  |
| --- |
| Update standards as follows:  SJI  Steel Joist Institute  140 W. Evans~~234 W. Cheves~~Street  Florence, SC 29501  SJI-100—15  Standard Specification for K-Series, LH-Series, and DLH-Series Open Web Steel Joists and for Joist Girders, 2015  1604.3.3, 2203.2, 2207.1  SJI-200—15  Standard Specification for Composite Steel Joists, CJ-series, 2015  1604.3.3, 2203.2, 2207.1  SJI—18~~07~~  Structural Design of Steel Joist Roofs to Resist Ponding Loads, Technical Digest No. 3, 2018  2214.3  SJI—15  Vibration of Steel Joist-Concrete ~~Slab~~Floors, Technical Digest No. 5, 2015  2214.3  SJI—12  Design of Steel Joist Roofs to Resist Uplift Loads, Technical Digest No. 6, 2012  2214.3  SJI—20~~08~~  Welding of Open Web Steel Joist and Joist Girders, Technical Digest No. 8, 2020  2214.3  SJI—08  Handling and Erection of Steel Joists and Joist Girders, Technical Digest No. 9, 2008  2214.3  SJI—20~~17~~  45~~44~~th Edition Standard Specifications Load Tables and Weight Tables for Steel Joists and Joist Girders, 2020  2214.3  SJI—18  90 Years of Open Web Steel Joist Construction, 2018  2214.3  SJI-21~~07~~  Design of Lateral Load Resisting Frames Using Steel Joists and Joist Girders, Technical Digest No. 11, 2021  2214.3 |

**(S10416 AS)**

SPRI

Single-Ply Roofing Institute

411 Waverly Oaks Road, Suite 331B

Waltham, MA 02452

Standard Referenced  
reference in code  
number Title section number

ANSI/SPRI/  
FM4435-ES-1—~~11~~ 17 Wind Design Standard for Edge Systems Used with Low Slope Roofing Systems 1504.5

ANSI/SPRI RP-4—~~13~~ 18 Wind Design Guide for Ballasted Single-ply Roofing Systems 1504.4

ANSI/SPRI VF-1 -17 External Fire Design Standard for Vegetative Roofs

**(R10119 AS)**

**Update standards as follows:**

**SPRI**

GT-1-2016: Test Standard for Gutter Systems

**(R9511 / S17-19 AMPC2)**

ANSI/SPRI/FM4435-ES-1—~~11~~17

Wind Design Standard for Edge Systems Used with Low Slope Roofing Systems

**(R10119 AM with A1)**

STI

Steel Tube Institute

2516 Waukegan Road, Suite 172

Glenview, IL 60025

Standard Referenced  
reference in code  
number Title section number

C1670—16 Standard Specification for Adhered Manufactured Stone Masonry Veneer Units 2103.1

FMA/WDMA 250—10 Standard Practice for the Installation of Non-Frontal Flange Windows with

HSS Design Manual, Volume 3 Connections at HSS Members, 2016 2214.3

HSS Design Manual, Volume 4 Truss & Bracing Connections, 2017 2214.3

Update standards as follows:

STI

Steel Tube Institute

2516 Waukegan Road, Suite 172

Glenview, IL 60025

STI, 2021. HSS Design Manual, Volume 1: Section Properties & Design Information, Steel Tube Institute, 2021

~~HSS Design Manual, Volume 1 Section Properties & Design Information, 2015~~

2214.3

STI, 2021. HSS Design Manual, Volume 2A: Member Design 2016, Steel Tube Institute, 2021

2214.3

STI, 2021. HSS Design Manual, Volume 2B: Member Design 2016, Steel Tube Institute, 2021

~~HSS Design Manual, Volume 2 Member Design, 2016~~

2214.3

STI, 2021. HSS Design Manual, Volume 3: Connections at HSS Members 2016, Steel Tube Institute, 2021

~~HSS Design Manual, Volume 3 Connections at HSS Members, 2016~~

2214.3

STI, 2021. HSS Design Manual, Volume 4: Truss & Bracing Connections 2016, Steel Tube Institute, 2021

~~HSS Design Manual, Volume 4 Truss & Bracing Connections, 2017~~

2214.3

(S10420 AS)

TECO

Timber Company, Inc.

2402 Daniels Street

Madison, WI 53704

Standard Referenced  
reference in code  
number Title section number

TECO PRP-133 Performance Standards and Policies for Structural Use Panels 2314.4.8

TIA

Telecommunications Industry Association

1320 N. Courthouse Road

Arlington, VA 22201-3834

Standard Referenced  
reference in code  
number Title section number

ANSI/TIA 222-H—2017 Structural Standard~~s~~  for Antenna Supporting Structures and Antennas  
  and Small Wind Turbine Support Structures 1609.1.1, 3108.1, 3108.2

TMS

The Masonry Society

105 South Sunset Street, Suite Q

Longmont, CO 80501

Standard Referenced  
reference in code  
number Title section number

216—2013 Standard Method for Determining Fire Resistance of Concrete   
  and Masonry Construction Assemblies Table 721.1(2), 722.1

302—~~2012~~ 2018 Standard Method for Determining the Sound Transmission Class Rating for Masonry Walls 1207.2.1

402—2016 Building Code for Masonry Structures 1405.6, 1405.10, 1604.3.4, 1807.1.6.3.2,

1808.9, 2101.2, 2105.1, 2106.1, 2107.1, 2107.2, 2107.3,   
2107.4, 2107.6, 2108.1, 2108.4, 2109.1, 2109.4, 2110.1, 2114.2,

2122.1, 2122.4, 2122.5, 2122.7, 2122.8.2, 2122.8.4, 2122.10

403—2017 Direct Design Handbook for Masonry Structures 2101.2

TMS 404—16 Standard for the Design of Architectural Cast Stone 2101.2

TMS 504—16 Standard for the Fabrication of Architectural Cast Stone 2103.1

TMS 604—16 Standard for the Installation of Architectural Cast Stone 2104

602—2016 Specification for Masonry Structures 1405.6.1, 1807.1.6.3, 2103.1,

2103.2.1, 2103.3, 2103.4, 2104.1, 2105.1, 2108.1, 2121.1.6, 2122.1, 2122.2.3,

2122.3, 2122.4, 2122.7.4, 2122.8.1, 2122.8.2, 2122.8.3, 2122.8.4, 2122.8.6, 2122.8.8

TPI

Truss Plate Institute

218 N. Lee Street, Suite 312

Alexandria, VA 22314

Standard Referenced  
reference in code  
number Title section number

TPI 1—2014 National Design Standard for Metal-plate-connected Wood Truss Construction 2303.4.6, 2306.1,

2319.17.2.1.1, 2319.17.2.2.8

UL

UL LLC

333 Pfingsten Road

Northbrook, IL 60062-2096

Standard Referenced  
reference in code  
number Title section number

9—2009 Fire Tests of Window Assemblies—with Revisions through February 2015 Table 716.3, 716.3.2,

716.4, 716.5.3.2, 716.6, 716.6.1, 716.6.2, 716.6.7.3

10A—2009 Tin Clad Fire Doors—with Revisions through ~~December 2013~~ July 2018 716.5

10B—2008 Fire Tests of Door Assemblies—with Revisions through February 2015 716.3.1, Table 716.3,

716.5.2, 716.5.4, 716.5.5.1, 716.5.8.1.1

10C—~~2009~~ 2016 Positive Pressure Fire Tests of Door Assemblies~~—with Revisions through February 2015~~  Table 716.3,

716.3.1, 716.5.1, 716.5.3, 716.5.4, 716.5.5.1, 716.5.8.1.1, 1010.1.10.1

14B—2008 Sliding Hardware for Standard Horizontally mounted Tin Clad Fire Doors—  
  with Revisions through ~~May 2013~~ July 2017 716.5

14C—06 Swinging Hardware for Standard Tin Clad Fire Doors Mounted Singly and in Pairs—  
  with Revisions through ~~May 2013~~ July 2017 716.5

55A—04 Materials for Built-Up Roof Coverings 1507.10.2

103—2010 Factory-built Chimneys, for Residential Type and Building Heating Appliances—  
  with Revisions through ~~July 2012~~ July 2017 718.2.5.1

127—2011 Factory-built Fireplaces—with Revisions through ~~May 2015~~ May 2016 718.2.5.1, 2111.12

181—05 Standard for Factory-Made Air Ducts and Air Connectors 449.3.6.4, 451.3.6.3, 451.3.6.3.4

199E—04 Outline of Investigation for Fire Testing of Sprinklers and  
  Water Spray Nozzles for Protection of Deep Fat Fryers 904.12.4.1

217—~~06~~ 15 Single and Multiple Station Smoke Alarms—with Revisions through ~~October 2015~~ November 2016 907.2.11

263—11 Standard for Fire Tests of Building Construction and Materials—with Revisions through  
  ~~June 2015~~ March 2018 703.2, 703.2.1, 703.2.3, 703.2.5, 703.3, 703.4, 703.6,

704.12, 705.7, 705.8.5, 707.6, 712.1.13, 714.4.1.1, 714.5.1, 715.1, 716.2,

Table 716.3, 716.5.6, 716.5.8.1.1, Table 716.6, 716.7.1, 717.3.1, 717.5.2,

717.5.3, 717.6.1, 717.6.2.1, Table 721.1(1), 2103.1, 2603.5.1

268—~~09~~ 2016 Smoke Detectors for Fire Alarm Systems-with revisions through July 2016 407.8, 907.2.6.2, 907.2.11.7

294—~~1999~~ 2018 Access Control System Units—with Revisions through ~~February 2015~~ October 2018 1010.1.9.7, 1010.1.9.8,

1010.1.9.9, 1010.1.9.10

300—05(R2010) Fire Testing of Fire Extinguishing Systems for Protection of  
  Commercial Cooking Equipment—with Revisions through December 2014 904.12

300A—06 Outline of Investigation for Extinguishing System Units for Residential Range  
  Top Cooking Surfaces 407.2.6, 904.13

305—2012 Panic Hardware—with Revisions through ~~August 2014~~ March 2017 1010.1.10.1

325—~~02~~ 2017 Door, Drapery, Gate, Louver and Window Operations and Systems—  
  with Revisions through ~~May 2015~~ 406.1.1, 3110.4

555—2006 Fire Dampers—with Revisions through ~~May 2014~~ October 2016 717.3

555C—~~2006~~ 2014 Ceiling Dampers—with Revisions through ~~December 2014~~ May 2017 717.3

555S—~~99~~  2014 Smoke Dampers—with Revisions through ~~February 2014~~ October 2016 717.3.1

580—2006 Test for Uplift Resistance of Roof Assemblies—with Revisions through  
  ~~October 2013~~ October 2018 1504.3.1, 1504.3.2, 1504.3.3, 2222.4.6

641—2010 Type L Low-temperature Venting Systems—with Revisions through ~~June 2013~~ April 2018 2113.11.1.4

710B—2011 Recirculating Systems—with Revisions through August 2014 904.12

723—~~2008~~ 2018 Standard for Test for Surface Burning Characteristics of  
 Building Materials~~—with Revisions through August 2013~~ 202, 402.6.4.4, 406.7.2,

703.5.2, 720.1, 720.4, 803.1.1, 803.1.4, 803.10, 803.11, 806.7,   
1403.5, 1404.12.1, 1407.9, 1407.10.1,1409.9, 1409.10.1, 1510.6.2,   
1510.6.3, 2303.2, 2603.3, 2603.4.1.13, 2603.5.4, 2603.5.5, 2606.3.5.4,   
2603.7.1, 2604.2.4, 2606.4, 2612.3, 2614.3, 3105.3.4.1, D102.2.8, D106

790—04 Standard Test Methods for Fire Tests of Roof Coverings—  
  with Revisions through ~~July 2014~~ October 2018 1505.1, 1513.1, 1516.1, 2603.6, 2610.2, 2610.3

793—08 Standards for Automatically Operated Roof Vents for Smoke and Heat—  
  with Revisions through ~~September 2011~~ March 2017 910.3.1

864—~~03~~ 2014 Standards for Control Units and Accessories for Fire Alarm Systems—  
  with Revisions through ~~December 2014~~ March 2018 909.12

924—~~06~~ 2016 Standard for Safety Emergency Lighting and Power Equipment—  
  with Revisions through ~~April 2014~~ May 2018 1013.5

1040—96 Fire Test of Insulated Wall Construction—  
  with Revisions through ~~October 2012~~ April 2017 1407.10.3, 1409.10.3, 2603.9

1069—07 Hospital Signaling and Nurse Call Equipment, 7th Edition 449.3.13.1, 450.3.17, 451.3.11.1, 467.8.3.6

UL—continued

1256—02 Fire Test of Roof Deck Construction—  
  with Revisions through ~~January 2007~~ August 2018 1508.1, 2603.3, 2603.4.1.5

1479—~~03~~ 2015 Fire Tests of Through-penetration Firestops~~—~~  ~~with Revisions through June 2015~~ 202, 714.4.1.2, 714.5.1.2, 714.5.4

1482—2011 Solid-Fuel-type Room Heaters—with Revisions through August 2015 2112.2, 2112.5

1703—02 Flat-Plate Photovoltaic Modules and Panels—  
  with Revisions through ~~October 2015~~ September 2018 1505.8, 1505.9, 1507.17.6, 1510.7.4, 1518.11.1, 3111.3.1

1715—97 Fire Test of Interior Finish Material—  
  with Revisions through ~~January 2013~~ April 2017 1407.10.3, 1409.10.2, 1409.10.3, 2603.4, 2603.9, 2614.4

1741-2010 Inverters, Converters, Controllers and Interconnection System Equipment for Use with Distributed Energy Resources—with Revisions through February 2018

1777—2007 Chimney Liners—with Revisions through ~~October 2015~~ April 2014 2113.11.1, 2113.19

1784—~~01~~ 2015 Air Leakage Tests of Door Assemblies—  ~~with Revisions through February 2015~~ 405.4.3, 710.5.2.2, 710.5.2.2.1, 716.5.3.1, 716.5.7.1,

716.5.7.3, 3006.3, 3007.6.3, 3008.6.3

1897—~~12~~ 2015 Uplift Tests for Roof Covering Systems—~~with Revisions through September 2015~~ 1504.3.1

1975—06 Fire Test of Foamed Plastics Used for Decorative Purposes 402.6.2, 402.6.4.5, 424.2

1994—~~04~~ 2015 Luminous Egress Path Marking Systems—  
  ~~with Revisions through May 2015~~ 411.7, 1008.2.1, 1025.2.1, 1025.2.3, 1025.2.4, 1025.2.5

2017—2008 Standards for General-purpose Signaling Devices and Systems—  
  with Revisions through May 2011 454.2.17.1.9

2034—~~2008~~ 2017 Standard for Single- and Multiple-Station Carbon Monoxide Alarm—  
  with Revisions through ~~March 2015~~ September 2018 202

2075—2013 Standard for Gas and Vapor Detectors and Sensors –with revisions through December 2017 202

2079—~~04~~ 2015 Tests for Fire Resistance of Building Joint Systems—  
  ~~with Revisions through August 2015~~ 202, 715.3, 715.6

2196—~~2001~~ 2017 ~~Tests~~ Standard for Fire ~~Resistive Cables—with Revisions through March 2012~~ Test for Circuit Integrity of Fire –Resistive Power, Instrumentation, Control and Date Cables 909.20.6.1, 913.2.2,

2702.3, 3007.8.1, 3008.8.2

2200—2012 Stationary Engine Generator Assemblies—with Revisions through ~~July~~ October 2015 2702.1.1

2202—09 (2012) Standard for Electric Vehicle (EV) Charging System ~~Equipment~~ Equipment-with revisions through February 2018, ~~2013~~ 406.1.7

2594—~~13~~ 2016 Standard for Electric Vehicle Supply Equipment, 2013 406.1.7

2703-2014 Mounting Systems, Mounting Devices, Clamping/Retention Devices and Ground Lugs for Use with Flat-plate Photovoltaic Modules and Panels -with revisions through December 2019

**Add new standard(s) follows:**

UL

UL LLC 333 Pfingsten Road Northbrook IL 60062-2096

723S-2006:

Drop-Out Ceilings Installed Beneath Automatic Sprinklers

**(F9325 / FS158-18 AS)**

UL 723—~~2008~~2018 Standard for Test for Surface Burning Characteristics of Building Materials—with Revisions through August 2013

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**(S10353 AS)**

ULC

Underwriters Laboratories of Canada

7 Underwriters Road

Toronto, Ontario, Canada M1R3B4

Standard Referenced  
reference in code  
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  Floor Coverings and Miscellaneous Materials and Assemblies—~~with 2000 Revisions~~ 720.2, 720.3,

720.4

USC

United States Code

c/o Superintendent of Documents

U.S. Government Printing Office

732 North Capitol Street NW

Washington, DC 20401

Standard Referenced  
reference in code  
number Title section number

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WCLIB

West Coast Lumber Inspection Bureau

P. O. Box 23145

Portland, OR 97281

Standard Referenced  
reference in code  
number Title section number

AITC 104—03 Typical Construction Details 2306.1

AITC 110—01 Standard Appearance Grades for Structural Glued Laminated Timber 2306.1

AITC 113—10 Standard for Dimensions of Structural Glued Laminated Timber 2306.1

AITC 117—10 Standard Specifications for Structural Glued Laminated Timber of Softwood Species 2306.1

AITC 119—96 Standard Specifications for Structural Glued Laminated Timber of Hardwood Species 2306.1

AITC 200—09 Manufacturing Quality Control Systems Manual for Structural Glued Laminated Timber 2306.1

WDMA

Window and Door Manufacturers Association

2025 M Street, NW Suite 800

Washington, DC 20036-3309

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WRI

Wire Reinforcement Institute, Inc.

942 Main Street, Suite 300

Hartford, CT 06103

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