

CHAPTER 35 REFERENCED STANDARDS

Adopt and/or codify chapter as amended below:

PROPOSED ADOPTION	DSA-SS	DSA-SS/CC	Comments
Adopt entire chapter without amendments			
Adopt entire chapter with amendments listed below	X	X	
Adopt only those sections listed below			
<i>AAMA 501.4-09</i>	X	X	
<i>AAMA 501.6-09</i>	X	X	
<i>ACI</i>	X	X	Editorial revision
<i>AF & PA</i>	X	X	
<i>AISC</i>	X	X	
<i>AISI</i>	X	X	
<i>AITC</i>	X	X	
<i>ANSI/SDI-C-2012</i>	X	X	
<i>ASCE/SEI</i>	X	X	
<i>ASTM</i>	X	X	
<i>ASTM C 114-10</i>	X	X	
<i>ASTM C 1157/C 1157M-11</i>	X	X	
<i>ASTM C 1240-11</i>	X	X	
<i>ASTM 1249-06a (2011)</i>	X	X	
<i>ASTM C 1260-07</i>	X	X	

<i>ASTM C 1293-08b</i>	X	X	
<i>ASTM C 1392-00 (2009)</i>	X	X	
<i>ASTM C 1394-03 (2008)</i>	X	X	
<i>ASTM C 1401-09a</i>	X	X	
<i>ASTM D 1586-11</i>	X	X	
<i>ASTM D 3441-05</i>	X	X	
<i>ASTM D 3966-07</i>	X	X	
<i>AWPA</i>	X	X	

AWS	X	X	
FEMA 352-00	X	X	
FM 1950-10	X	X	
ICC	X	X	
ISO 9001-08	X	X	
ISO 17025-05	X	X	
NFPA	X	X	
PCI	X	X	
PTI	X	X	
TMS	X	X	

(All existing California amendments that are not revised below shall continue without change)

DRAFT INITIAL EXPRESS TERMS

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.

[DSA-SS, DSA-SS-CC] Reference to other chapters. *In addition to the code sections referenced, the standards listed in this chapter are applicable to the respective code sections in Chapters 16A, 17A, 18A, 19A, 21A, and 22A. ~~and 34A.~~*

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AAMA	American Architectural Manufacturing Association 1827 Waldon Office Square, Suite 550 Schaumburg, IL 60173	
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Standard reference number	Title	Referenced in code section number
...		
501.4-09	<i>Recommended Static Test Method for Evaluating Curtain Wall and Storefront Systems Subjected to Seismic and Wind Induced Interstory Drifts</i>	2410.1
501.6-09	<i>Recommended Dynamic Test Method For Determining The Seismic Drift Causing Glass Fallout From A Wall</i>	2410.1

ACI	American Concrete Institute 38800 Country Club Drive Farmington Hills, MI 48333-9094	
Standard reference number	Title	Referenced in code section number
...		
318-14	Building Code Requirements for Structural Concrete	<i>Table 1705A.2.1, 1705A.2.2.1.2, Table 1705A.3, 1810A.3.10.4, 1903A, 1904A, 1905A, <u>1910A.5.4, 1909.2, 1909.3, 1910A.6.2</u> 1901.3.4.2 1913A.5, 1913A.7.2, 1913.2, 1913.3</i>
355.2-07	<i>Qualification of Post-Installed Mechanical Anchors in Concrete</i>	1616A.1.19

<u>355.4-11</u>	<u>Qualification of Post-Installed Adhesive Anchors in Concrete</u>	<u>1616A.1.19</u>
440.2R-08	Guide for the Design and Construction of Externally Bonded FRP Systems for Strengthening Concrete Structures	<u>1911A.3</u> , <u>1914A.3</u>
...		
503.7-07	Specification for Crack Repair by Epoxy Injection.	<u>1911A.2</u> , <u>1914A.2</u>
506-05	Guide to Shotcrete	1913.4.5 , <u>1908A.1</u> 1910A.1 , <u>1908A.3</u> 1910A.3 , <u>1908A.12</u> 1910A.12 , -- <u>1914A.2</u>
530-13	Building Code Requirements for Masonry Structures	<u>2114.10</u> , <u>2114.7</u> , <u>2114.11</u> , <u>2114.8</u> , <u>2107A.5</u>
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AISC	American Institute of Steel Construction Construction One East Wacker Drive, Suite 700 Chicago, IL 60601-2001	
Standard reference number	Title	Referenced in code section number
341-10	Seismic Provisions for Structural Steel Buildings	<u>1705A.2.1</u> , <u>2212.2</u> , <u>2205A</u> , <u>2206A</u>

358- 10	<i>Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications including Supplements No. 1 & 2</i>	2212.3, 2205A, 2206A.2
360-10	Specifications for Structural Steel Buildings	1705A.2.1, Table 1705A.2.1, 2206A.2 , 2212.1.1, 2212.3 , 2204A.4 2204A.2.2 , 2212A.1.2, 2212A.2.1

AISI	American Iron and Steel Institute 1140 Connecticut Avenue, 705 Suite 705 Washington. DC 20036	
Standard reference number	Title	Referenced in code section number
AISI S100-12	North American Specification for the Design of Cold-formed Steel Structural Members, 2012	2210A.2, 2211A.1, 2212A.1.2, 2212A.2.1
S213-07/S1-12	North American Standard for Cold-formed Steel Framing Lateral Design, with Supplement 1, dated 2012 (Reaffirmed 2012)	2212A.2.1, 2212.5.3
S214-12	North American Standard for Cold-formed Steel Framing- Truss Design, 2012	2211A.3, 2212.5.1.2

AITC	American Institute of Timber Construction Suite 140 7012 S. Revere Parkway Englewood, CO 80112	
Standard reference number	Title	Referenced in code section number
...		
<i>AITC 111-05</i>	<i>Recommended Practice for Protection of Structural Glued Laminated Timber During Transit, Storage and Erection</i>	2303.1.3.1
...		
AITC 117-10	Standard Specifications for Structural Glued Laminated Timber of Softwood Species	2303.1.3.1
...		
A 190.1-07	Structural Glued Laminated Timber	1705A.5.4
<i>AITC 404-05</i>	<i>Standard for Radially Reinforcing Curved Glued Laminated Timber Members to Resist Radial Tension</i>	2303.1.3.1

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ASCE/SEI	American Society of Civil Engineers Structural Engineering Institute 1801 Alexander Bell Drive Reston, VA 20191-4400	
Standard reference number	Title	Referenced in code section number
5-13	Building Code Requirements for Masonry	2114.10 , <u>2114.7</u> ,

	Structures	<u>2114.11</u> , <u>2114.8</u> , 2107A.5
...		
7-10	<i>Minimum Design Loads for Buildings and Other Structures including Supplement No. 1</i>	104.11, 202, 4509.7.1 , <u>1510.7.1</u> , 1616.2, 1616.9, 1616.10, 1603A.2 1613A, 1616A, 1803A.6, 1905A.1.21, 1913.3.8 , <u>2114A.1, 2114.13</u> , <u>2210A.2, 2212A.2.4</u> , 2410.1.1, 2410.1.2,
...		
19- 10	<i>Structural Application of Steel Cables for Buildings</i>	<u>2207.1, 2207.2</u>
...		
24 - 43 <u>14</u>	<i>Flood Resistant Design and Construction</i>	1203.4.2, 1612.4, 1612A.4, 1612.5, 1612A.5, 2702.1.7, 3001.2
...		
41- 06 <u>13</u>	<i>Seismic <u>Evaluation and Retrofit Rehabilitation</u> of Existing Buildings including Supplement No. 1</i>	1603A.2, 1616A.1.30, -----
49- <u>12</u> 07	Wind Tunnel Testing for Buildings and Other Structures	1609.1.1, <u>1609A.1.1</u>

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ASTM	ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959	
Standard reference number	Title	Referenced in code section number
...		
A 153/A 153M-09	Specification for Zinc Coating (Hot-dip) on Iron and Steel Hardware	<u>2304.10.1.1</u> 2304.9.1.1
A370 – 13-10	<i>Standard Test Methods and Definitions for Mechanical Testing of Steel Products</i>	----
...		
A 722/A722M-12	Specifications for Uncoated High-strength Steel Bar for Prestressing Concrete	<u>1812A.4.2</u> J106.2.4.2, 1811A.4
...		
<u>A1064-13</u>	<u>Standard Specification for Carbon steel wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete</u>	<u>1903A.8</u>
...		
B 695-04 <u>(2009)</u>	Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel Strip for Building Construction	<u>2304.10.1.1</u> 2304.9.1.1
...		
C 94/C94M- <u>14a 13</u>	Specifications for Ready Mix Concrete	<u>1705A.3.3.1</u> 1705A.3.3
C 114-13-10	<i>Standard Test Methods for Chemical Analysis of Hydraulic Cement</i>	1903A.6, 1913.2.3

...		
C 150-12	Specification for Portland Cement	1903A, <u>1910A</u> 1913A, 1916.1.2 1913.2 1909.2.4
...		
C 270-12a	Specifications for Mortar for Unit Masonry	2114.2
C 289-07	Standard Test Method for Potential Alkali-Silica Reactivity of Aggregates	1903A.3, 1913.2.3
...		
C 595-13	Specification for Blended Hydraulic Cement	1903A.6, <u>1910A.1</u> 1913A.1, 1913.2, 1909.2.4
...		
C 618 – 12a 08a	Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete	1903A.3, <u>1910A.1</u> 1913A.1, 1913.2, 1909.2.4
...		
C 635/C 635M- 13a	Specification for the Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and Lay-in Panel ceilings	1616.10.16, <u>1616A.1.21</u> 1616A.1.20
C 636/C 636M - <u>13</u> 08	Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels	1616.10.16, <u>1616A.1.21</u> 1616A.1.20
...		
C 989-13 09	Standard Specification for Slag Cement for Use in Concrete and Mortars	1903A.5, 1903A.6, <u>1910A.1</u> 1913A.1, 1913.2, 1909.2.4
...		

C 1019- 13 44	Test Method of Sampling and Testing Grout	2105A.3, 2105A.2.2.1.4, <u>2114.6.1, 2114.9.1</u>
...		
C 1157/C 1157M-11	ASTM Standard Performance Specification for Hydraulic Cement	<u>1910A.1, 1913A.1,</u> 1913.2, 1909.2.4
...		
C 1240-14 11	Standard Specification for Silica Fume Used in Cementitious Mixtures	1903A.6
C 1249- 06a(2010)	Standard Guide for Secondary Seal for Sealed Insulated Glass Units for Structural Sealant Glazing Applications	1903A.6, 2410.1
...		
C 1260-07	Standard Test Method for Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)	1903A.6, 2410.1.1
...		
C 1293-08b	Standard Test Method for Determination of Length Change of Concrete Due to Alkali-Silica Reaction	1903A.6, 1913.2.3
...		
C 1314- 12 07	Test Method for Compressive Strength of Masonry Prisms	<u>2114.9.2.1</u>
...		
C 1392- 00(<u>2014</u> 2009)	Standard Guide for Evaluating Failure of Structural Sealant Glazing	2410.1.3
C 1394-03 (<u>2012</u> 2008)	Standard Guide for In-Situ Structural Silicone Glazing Evaluation	2410.1.3
...		
C 1401- 1409a	Standard Guide for Structural Sealant Glazing	2410.1

...		
C1567- <u>13</u> 08	<i>Standard Test Method for Determining the Potential Alkali-Silica Reactivity of the Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)</i>	1903A.6, 1913.2.3,
C1586-05(2011)	<i>Standard Guide for Quality Assurance of Mortars</i>	2114.9.1, 2105A.3 2105A.2.2.1.4
...		
D 1586 – 11	<i>Standard Test Method for Standard Penetration Test (SPT) and Split-Barrel Sampling of Soils</i>	J112.2 <u>1813A</u>
...		
D 3441-05	<i>Standard Test Method for Mechanical Cone Penetration Tests of Soil</i>	J112.2
D 5778-12	<u><i>Standard Test Method for Electronic Friction Cone and Piezocone Penetration Testing of Soils</i></u>	<u>1813A</u>
...		
D 3966-07 (<u>2013</u>)	<i>Standard Test Method for Piles Under Lateral Loads</i>	1810A.3.3.2
...		
E 580- <u>14</u> 11b	<i>Standard Practice for Installation of Ceiling Suspension Systems of Acoustical Tile and Lay-in Panels in Areas Subject to Earthquake Ground Motions</i>	1616.10.16, <u>1616A.1.21</u> 1616A.1.20
...		
<u>F 606-14</u>	<u><i>Standard Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, Direct</i></u>	<u>2213A.1</u>

	<u>Tension Indicators, and Rivets</u>	
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AWC	American Wood Council 222 Catoclin SE, Suite 201 Leesburg, VA 20175	
Standard reference number	Title	Referenced in code section number
...		
ANSI/AWC NDS-2015	National Design Specifications (NDS) for Wood Construction with 2012 Supplement <i>and addendum</i>	<u>1905A.1.8</u> 1905A.1.21...

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AWPA	American Wood Products Association P.O. Box 361784 Birmingham, AL 35236-1784	
...		
U1-14	USE CATEGORY SYSTEM: User Specification for Treated Wood Except Section 6, Commodity Specification H	<u>1812A.2 ...J106.2.2</u>

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AWS	American Welding Society 550 N.W. LeJeune Road Miami, FL 33126	
Standard reference number	Title	Referenced in code section number
D1.1- 10	<i>Structural Welding Code-Steel</i>	<i>Table 1705A.2.1, 1705A.2.5 1705A.2.2.5, 2212.6.2, 2213A.2</i>
D1.3-08	Structural Welding Code-Sheet Steel	<i>Table 1705A.2.1, <u>1705A.2.5</u> 1705A.2.2.1.1</i>
D1.4-11	Structural Welding Code – Reinforcing Steel	<i>Table 1705A.2.1, 1705.2.2.1.2, 2107A.3, 2107A.4</i>
D1.8-09	<i>Structural Welding Code – Seismic Supplement</i>	<i><u>1705A.2.5</u> 1705A.2.2.5</i>
QC1- 07 06	<i>Standard for AWS Certification of Welding Inspectors</i>	<i><u>1705A.2.5</u> 1705A.2.2.5</i>

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FM	Factory Mutual Global Research Standards Laboratories Department 1301 Atwood Avenue, P.O. Box 7500 Johnston, RI 02919	
Standard reference number	Title	Referenced in code section number

<i>ANSI/FM 1950- 15 40</i>	<i>Approval Standard for Seismic Sway Braces for Automatic Sprinkler Systems Pipe, Tubing and Conduit</i>	<i><u>1705A.13.2</u> 1705A.12.3</i>
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ICC	International Code Council, Inc. 500 New Jersey Ave, NW 6 th Floor Washington, DC 20001	
Standard reference number	Title	Referenced in code section number
...		
<i>ICC-ES AC 01-42 15*</i>	<i>Acceptance criteria for expansion anchors in Masonry elements</i>	<i>1616A.1.19</i>
<i>ICC-ES AC 58-42 15*</i>	<i>Acceptance criteria for Adhesive anchors in Masonry elements</i>	<i>1616A.1.19</i>
<i>ICC-ES AC 70-42 15*</i>	<i>Acceptance criteria for fasteners power- driven into Concrete, Steel and Masonry elements</i>	<i><u>1616A.1.20</u> 1908A.1.1</i>
<i>ICC-ES AC 106- 42 15*</i>	<i>Acceptance criteria for predrilled fasteners (screw anchors) in Masonry</i>	<i>1616A.1.19</i>
<i>ICC-ES AC 125- 42 15*</i>	<i>Acceptance criteria for Concrete, and Reinforced and Unreinforced Masonry strengthening using externally bonded Fiber- Reinforced Polymer (FRP) composite systems.</i>	<i><u>1911A.3</u> 1914.3</i>
<i>ICC-ES AC 156- 42 15*</i>	<i>Acceptance criteria for Seismic Certification by Shake-Table Testing of Nonstructural</i>	<i><u>1705A.13.3</u> 1705A.12.4</i>

	<i>Components</i>	
<i>ICC-ES AC 178- 42 15*</i>	<i>Acceptance criteria for inspection and verification of Concrete, and Reinforced and Unreinforced Masonry strengthening using Fiber-Reinforced Polymer (FRP) composite systems.</i>	<u>1911A.3-1914A.3</u>
<i>ICC-ES AC 193- 42 15*</i>	<i>Acceptance criteria for mechanical anchors in Concrete elements</i>	1616A.1.19, 1909A.11
<i>ICC-ES AC 232- 15*</i>	<i>Acceptance criteria for anchor channels in Concrete elements</i>	<u>1616A.1.19, 1901.3.2</u>
<i>ICC-ES AC 308- 42 15*</i>	<i>Acceptance criteria for post-installed adhesive anchors in Concrete elements</i>	1616A.1.19, 1901.3.3
<i>ICC-ES AC 358- 42 15*</i>	<i>Acceptance criteria for Helical foundation systems and devices</i>	1810A.3.1.5.1
<i>ICC-ES AC 446- 15*</i>	<i>Acceptance criteria for headed cast-in specialty inserts in Concrete</i>	<u>1616A.1.19, 1901.3.2</u>

* Refers to International Building Code, 2012 2015 as a reference standard.

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ISO	International Organization for Standardization ISO Central Secretariat 1 ch, de la Voie-Creuse, Case Postale 56 CH-1211 Geneva 20, Switzerland	
Standard reference number	Title	Referenced in code section number
...		
<i>ISO 9001-08</i>	<i>Quality management systems -</i>	<u>1705A.13.3-1705A.12.4</u>

	<i>Requirements</i>	

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NFPA	National Fire Protection Association 1 Batterymarch Park Quincy, MA 02169-7471	
Standard reference number	Title	Referenced in code section number
...		
13-16	Installation of Sprinkler Systems	1616.9.5, 1616.10.17

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PCI	Precast Prestressed Concrete Institute 200 West Adams Street, Suite 2100 Chicago, IL 60606-5230	
Standard reference number	Title	Referenced in code section number
...		
MLN 128-01	Recommended Practice for Glass Fiber Reinforcement	1913.2.1
...		
<i>PCI 120-10</i>	<i>PCI Design Handbook, 7th Edition</i>	<u>1905A.1.1, 1905A.1.2</u> 1905A.1

PTI	Post-Tensioning Institute 8601 North Black Canyon Highway, Suite 103 Phoenix, AZ 85021	
Standard reference number	Title	Referenced in code section number
...		
<i>PTI-2004</i>	<i>Recommendations for Prestressed Rock and Soil Anchors (4th Edition)</i>	<i>1810A.3.10.4, 1811A.2, <u>1812A.4, 1812A.5</u> J106.2.4, J106.2.5</i>
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TMS	The Masonry Society 3970 Broadway, Unit 201-D Boulder, CO 80304-1135	
Standard reference number	Title	Referenced in code section number
...		
402— 13	Building Code Requirements for Masonry Structures	1410.2.1, 1411.2.1, <u>2105A.5, 2114.6.2 2114.7,</u> <u>2114.8</u>
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(All existing amendments that are not revised above shall continue without any change)

NOTATION:

Authority: Health and Safety Code Section 130005(g) & 130021

Reference: Health and Safety Code Section 1275, 129790, 129850 & 130005(g)

DRAFT