

Guide to Normative and Informative References for AISC Certification Programs

Updated on 7/1/2019

Dates given below represent the most current version at the time of update of this list.

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NOTE 1: In all cases, when the contract requires a different revision, that revision applies and contract requirements may change a reference from informative to normative.

NOTE 2: Resources with names shown in *italic* have been updated since this document's last update.

1. References for Fabricators of Steel Buildings (BU)	Revision Year
*Normative	
AISC 207-16 AISC Certification Standard for Steel Fabrication and Erection, and Manufacturing of Steel Components	11/2017
<i>AISC Governing Requirements for Certification Programs</i>	6/1/2019
AISC Supplemental Program Requirements for Fabricators of Steel Buildings (BU)	6/1/2019
ANSI/AISC 303 Code of Standard Practice for Steel Buildings and Bridges	2016
RCSC Specification for Structural Joints Using High-Strength Bolts	2014 w/2015 errata
Selected ASTM Standards for Structural Steel Fabrication	2016 or 2019
AWS D1.1/D1.1M Structural Welding Code – Steel	2015
AWS A2.4 Standard Symbols for Welding, Brazing and Nondestructive Examination	2012
AWS A3.0 Standard Welding Terms and Definitions	2010
ANSI/AISC 360 Specification for Structural Steel Buildings	2016
*Informative	
ANSI/AISC 341 Seismic Provisions for Structural Steel Buildings	2016
ANSI/AISC 358 Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications	2016
AISC Steel Construction Manual	15th Ed.
AISC Detailing for Steel Construction	3rd Ed.
AWS D1.4/D1.4M Structural Welding Code—Reinforcing Steel	2018
AWS D1.8/D1.8M Structural Welding Code—Seismic Supplement	2016
AWS B5.17 Specification for the Qualification of Welding Fabricators (replaced AWS WQAG)	2014
SSPC Steel Structures Painting Manual, Volume I, Good Painting Practice - PB-01601	Fifth Edition
SSPC Steel Structures Painting Manual, Volume II, Systems and Specifications - PB-00802 (A complete, up-to-date collection of SSPC standards, guides, specifications, etc.)	Current at time of purchase
SSPC PA 1 Shop, Field and Maintenance Coating of Metals	2016
SSPC PA 2 Procedure for Determining Conformance to Dry Coating Thickness Requirements	2015/ 2018 edits
ASTM A6/A6M Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes and Sheet Piling	2017

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2. References for Manufacturers of Bridge and Highway Components (CPT)	Revision Year
*Normative	
AISC 207-16 AISC Certification Standard for Steel Fabrication and Erection, and Manufacturing of Steel Components	11/2017
<i>AISC Governing Requirements for Certification Programs</i>	6/1/2019
AISC Supplemental Program Requirements for Manufacturers of Bridge and Highway Components (CPT)	6/1/2019
AASHTO/ASTM standards applicable to the component manufacturer's product and/or contract documents	varies
Selected ASTM Standards for Structural Steel Fabrication	2016 or 2019
ANSI/AISC 303 Code of Standard Practice for Steel Buildings and Bridges	2016
AWS D1.1/D1.1M Structural Welding Code – Steel (or other applicable AWS Welding Code)	2015
AWS A2.4 Standard Symbols for Welding, Brazing and Nondestructive Examination	2012
AWS A3.0 Standard Welding Terms and Definitions	2010
RCSC Specification for Structural Joints Using High-Strength Bolts	2014 w/2015 errata
ANSI/AISC 360 Specification for Structural Steel Buildings	2016
SSPC Steel Structures Painting Manual, Volume I, Good Painting Practice - PB-01601	Fifth Edition
SSPC Steel Structures Painting Manual, Volume II, Systems and Specifications - PB-00802 (A complete, up-to-date collection of SSPC standards, guides, specifications, etc.)	Current at time of purchase
*Informative	
AWS D1.2/D1.2M Structural Welding Code – Aluminum	2014
AWS D1.3/D1.3M Structural Welding Code—Sheet Steel	2018
AASHTO/AWS D1.5/D1.5M Structural Welding Code - Bridge Welding Code	2015
AWS D1.6/D1.6M Structural Welding Code—Stainless Steel	2017
AWS D1.8/D1.8M Structural Welding Code—Seismic Supplement	2016
3. References for Fabricators of Steel Bridges (SBR, IBR, ABR)	
*Normative	
AISC 207 AISC Certification Standard for Steel Fabrication and Erection, and Manufacturing of Steel Components	11/2017
<i>AISC Governing Requirements for Certification Programs</i>	6/1/2019
AISC Supplemental Program Requirements for Fabricators of Steel Bridges (SBR, IBR, ABR)	6/1/2019
Selected ASTM Standards for Structural Steel Fabrication	2016 or 2019

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ANSI/AISC 303 Code of Standard Practice for Steel Buildings and Bridges	2016
AWS D1.1/D1.1M Structural Welding Code – Steel (or other applicable AWS Welding Code)	2015
AASHTO/AWS D1.5/D1.5M Structural Welding Code - Bridge Welding Code	2015
RCSC Specification for Structural Joints Using High-Strength Bolts	2014 w/2015 errata
AWS A2.4 Standard Symbols for Welding, Brazing and Nondestructive Examination	2012
AWS A3.0 Standard Welding Terms and Definitions	2010
*Informative	
AASHTO/NSBA S2.1 Steel Bridge Fabrication Guide Specification	2018
AASHTO/NSBA S4.1 Steel Bridge Fabrication QC/QA Guide Specification	2016
Chapter 15 of AREMA Manual for Railway Engineering	2016
4. References for Erectors of Structural Steel (CSE)	
Revision Year	
*Normative	
AISC 207 AISC Certification Standard for Steel Fabrication and Erection, and Manufacturing of Steel Components	11/2017
<i>AISC Governing Requirements for Certification Programs</i>	<i>6/1/2019</i>
AISC Supplemental Program Requirements for Structural Steel Erectors (CSE)	<i>6/1/2019</i>
ANSI/AISC 303 Code of Standard Practice for Steel Buildings and Bridges	2016
RCSC Specification for Structural Joints Using High-Strength Bolts	2014 w/2015 errata
<i>Selected ASTM Standards for Structural Steel Fabrication</i>	<i>2016 or 2019</i>
AWS A2.4 Standard Symbols for Welding, Brazing and Nondestructive Examination	2012
AWS A3.0 Standard Welding Terms and Definitions	2010
AWS D1.1/D1.1M Structural Welding Code – Steel	2015
ANSI/AISC 360 Specification for Structural Steel Buildings	2016
OSHA Part 1926 Safety and Health Regulations for Construction	e-CFR
*Informative for CSE	
AWS D1.3/D1.3M Structural Welding Code—Sheet Steel	2018
ANSI/ASSE A10.13 Safety Requirements for Steel Erection	2011/R2017
SSPC Steel Structures Painting Manual, Volume I, Good Painting Practice - PB-01601	Fifth Edition
SSPC Steel Structures Painting Manual, Volume II, Systems and Specifications - PB-00802 (A complete, up-to-date collection of SSPC standards, guides, specifications, etc.)	Current at time of purchase
AISC Detailing for Steel Construction	3rd Ed.

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*Normative for Seismic Endorsement (SEE)	
ANSI/AISC 341 Seismic Provisions for Structural Steel Buildings	2016
AWS D1.8/D1.8M Structural Welding Code—Seismic Supplement	2016
*Normative for Metal Deck Installation Endorsement (MEE)	
AWS D1.3/D1.3M Structural Welding Code—Sheet Steel	2018
ANSI/SDI QA/QC Standard for Quality Control and Quality Assurance for Installation of Steel Deck	2017
*Informative for Metal Deck Installation Endorsement (MEE)	
SDI Manual of Construction with Steel Deck 3rd Edition	2016
SDI Code of Standard Practice	2017
ANSI/SDI NC Standard for Non-Composite Steel Floor Deck	2017
ANSI/SDI RD Standard for Steel Roof Deck	2017
ANSI/SDI T-CD Standard for Composite Steel Deck - Slabs	2017
*Normative for Bridge Erection Endorsement (BEE)	
AASHTO/AWS D1.5/D1.5M Structural Welding Code - Bridge Welding Code	2015
*Informative for Bridge Erection Endorsement (BEE)	
AASHTO/NSBA S10.1 Steel Bridge Erection Guide Specification (for Bridge Erection)	2014
5. References for Fabricators of Hydraulic Structures (HYD)	
*Normative	
AISC 207 AISC Certification Standard for Steel Fabrication and Erection, and Manufacturing of Steel Components	11/2017
<i>AISC Governing Requirements for Certification Programs</i>	<i>6/1/2019</i>
AISC Supplemental Program Requirements for Fabricators of Hydraulic Steel Structures (HYD)	<i>6/1/2019</i>
Selected ASTM Standards for Structural Steel Fabrication, or equivalent	2016 or 2019
ANSI/AISC 303 Code of Standard Practice for Steel Buildings and Bridges	2016
AWS D1.1/D1.1M Structural Welding Code – Steel (or other applicable AWS Welding Code)	2015
AASHTO/AWS D1.5/D1.5M Structural Welding Code - Bridge Welding Code	2015
RCSC Specification for Structural Joints Using High-Strength Bolts	2014 w/2015 errata
AWS A2.4 Standard Symbols for Welding, Brazing and Nondestructive Examination	2012

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AWS A3.0 Standard Welding Terms and Definitions	2010
*Informative	
AWS D1.1/D1.1M Structural Welding Code – Steel	2015
AWS B5.17 Specification for the Qualification of Welding Fabricators (replaced AWS WQAG)	2014
AWS D1.6/1.6M Structural Welding Code - Stainless Steel	2017
AWS D1.2/1.2M Structural Welding Steel - Aluminum	2014
6. References for Complex Coatings Endorsements (SPE)	
	Revision Year
*Normative	
SPE/QP3 420 Certification Standard for Shop Application of Complex Protective Coating Systems	2010
SSPC Steel Structures Painting Manual, Volume I, Good Painting Practice - PB-01601	Fifth Edition
SSPC Steel Structures Painting Manual, Volume II, Systems and Specifications - PB-00802 (A complete, up-to-date collection of SSPC standards, guides, specifications, etc.)	Current at time of purchase
SSPC PA 1 Shop, Field and Maintenance Coating of Metals	2016
SSPC PA 2 Procedure for Determining Conformance to Dry Coating Thickness Requirements	2015/ 2018 edits
SSPC VIS 1 Guide and Reference Photographs for Steel Surfaces Prepared by Dry Abrasive Blast Cleaning	2009
ASTM D3276 Standard Guide for Painting Inspectors	2015e1
ASTM D7091 Standard Practice for Nondestructive Measurement of Dry Film Thickness	2013
ASTM D4228 Standard Practice for Qualification of Coating Applicators	2005 (2017)
6. References for Fracture Critical Endorsements (FCE)	
	Revision Year
*Normative	
AISC 207 AISC Certification Standard for Steel Fabrication and Erection, and Manufacturing of Steel Components	11/2017
<i>AISC Governing Requirements for Certification Programs</i>	<i>6/1/2019</i>
AISC Supplemental Program Requirements for Fracture Critical Endorsement (FC)	6/1/2019
AASHTO/AWS D1.5/D1.5M Structural Welding Code - Bridge Welding Code	2015