

# Guide to Normative and Informative References for AISC Certification Programs

Updated on 7/5/2022 supersedes 1/5/2022

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

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1. References for ALL Certification Programs	Revision Year
<b>Required (Normative)</b>	
<i>AISC Governing Requirements for Certification Programs</i>	6/1/2022
AISC 207-20 Standard for Certification Programs	10/2020
ANSI/AISC 303 Code of Standard Practice for Steel Buildings and Bridges	2016
RCSC Specification for Structural Joints Using High-Strength Bolts	6/11/2020
Selected ASTM Standards for Structural Steel Fabrication	2022
AWS A2.4 Standard Symbols for Welding, Brazing and Nondestructive Examination	2020
AWS A3.0 Standard Welding Terms and Definitions	2020
AWS D1.1/D1.1M Structural Welding Code – Steel	2020
2. Building Fabricator	Revision Year
<b>Required (Required)</b>	
<i>AISC Supplemental Requirements for Building Fabricators</i>	6/1/2022
ANSI/AISC 360 Specification for Structural Steel Buildings	2016
<i>ASTM F3125/F3125M Standard Specification for High Strength Structural Bolts</i>	2021
<b>Recommended (Informative)</b>	
ANSI/AISC 341 Seismic Provisions for Structural Steel Buildings	2016
<i>ANSI/AISC 358 Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications with Supplements No.1 and No.2</i>	2020
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	2021

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3. References for Highway Component Manufacturer	Revision Year
<b>Required (Normative)</b>	
<i>AISC Supplemental Requirements for Highway Component Manufacturers</i>	6/1/2022
ANSI/AISC 360 Specification for Structural Steel Buildings	2016
AASHTO/ASTM standards applicable to the component manufacturer's product and/or contract documents	varies
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
<b>Recommended (Informative)</b>	
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	2020
AWS D1.6/D1.6M Structural Welding Code—Stainless Steel	2017
AWS D1.8/D1.8M Structural Welding Code—Seismic Supplement	2016
<b>4. References for Bridge Fabricator - including: Simple, Intermediate, Advanced</b>	
<b>Required (Normative)</b>	
<i>AISC Supplemental Requirements for Bridge Fabricators</i>	6/1/2022
ASTM F3125/F3125M Standard Specification for High Strength Structural Bolts	2021
<b>Recommended (Informative)</b>	
AASHTO/NSBA G4.1 Steel Bridge Fabrication QC/QA Guide Specification	2019
Chapter 15 of AREMA Manual for Railway Engineering	2020
FHWA-HIF-19-088 Bridge Welding Reference Manual	2019/w 2020 errata
AASHTO/NSBA S2.1 Steel Bridge Fabrication Guide Specification	2018
<b>Required (Normative) for Fracture Control Endorsement</b>	
<i>AISC Supplemental Requirements for Fracture Control Endorsement</i>	6/1/2022
AASHTO/AWS D1.5/D1.5M Structural Welding Code - Bridge Welding Code	2020
<b>5. References for Erectors</b>	
<b>Required (Normative)</b>	

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<i>AISC Supplemental Requirements for Erectors</i>	6/1/2022
ANSI/AISC 303 Code of Standard Practice for Steel Buildings and Bridges	2016
ASTM F3125/F3125M Standard Specification for High Strength Structural Bolts	2021
OSHA Part 1926 Safety and Health Regulations for Construction	e-CFR
<b>Recommended (Informative)</b>	
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.
<b>Required (Normative) for Seismic Endorsement</b>	
ANSI/AISC 341 Seismic Provisions for Structural Steel Buildings	2016
AWS D1.8/D1.8M Structural Welding Code—Seismic Supplement	2016
<b>Required (Normative) for Metal Deck Endorsement</b>	
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	2022
<b>Recommended (Informative) for Metal Deck Endorsement</b>	
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	Superseded
ANSI/SDI RD Standard for Steel Roof Deck	Superseded
ANSI/SDI T-CD Standard for Composite Steel Deck - Slabs	Superseded
ANSI/SDI SD- Standard for Steel Deck (supersedes NC, RD and T-CD standards above)	2022
<b>Required (Normative) for Bridge Endorsement</b>	
AASHTO/AWS D1.5/D1.5M Structural Welding Code - Bridge Welding Code	2020
<b>Recommended (Informative) for Bridge Endorsement</b>	
AASHTO/NSBA S10.1 Steel Bridge Erection Guide Specification (for Bridge Erection)	2019

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6. References for Hydraulic Fabricators - including Advanced	Revision Year
<b>*Normative</b>	
<i>AISC Supplemental Requirements for Hydraulic Fabricators</i>	6/1/2022
ANSI/ASNT CP-189 Standard for Qualification and Certification of Nondestructive Testing Personnel	2020
ASNT Recommended Practice No. SNT-TC-1A Personnel Qualification and Certification in Nondestructive Testing	2020
<i>ASTM F3125/F3125M Standard Specification for High Strength Structural Bolts</i>	2021
<b>Recommended (Informative)</b>	
UFGS 05 59 20 Fabrication of Hydraulic Steel Structures	8/1/2018
AWS D1.2/1.2M Structural Welding Steel - 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	2020
AWS D1.6/1.6M Structural Welding Code - Stainless Steel	2017
<b>Required (Normative) Hydraulic Fracture Control Endorsement</b>	
AASHTO/AWS D1.5/D1.5M Structural Welding Code - Bridge Welding Code	2020
<b>7. References for Complex Coatings Endorsements</b>	
<b>Required (Normative)</b>	
<i>AISC Supplemental Requirements for Applicators of Complex Coatings Endorsement</i>	6/1/2022
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	2002
ASTM D3276 Standard Guide for Painting Inspectors	2021
<i>ASTM D7091 Standard Practice for Nondestructive Measurement of Dry Film Thickness</i>	2022
ASTM D4228 Standard Practice for Qualification of Coating Applicators	2005 (2017)