



CERTIFICATION PROGRAMS

Supplemental Requirements for Building Fabricators (BU)

Preface

The 2024 revision is not a complete revision of the *Supplemental Requirements for Building Fabricators (BU)*. The following changes have been made in this revision:

Section 1 Before Your Audit

- BU1.4 Editorial

Section 2 During Your Audit

- BU2.2 Revision
- BU2.3 Revision
- BU2.4 Revision
- BU2.5 Revision

Commentary - New

Scope

This document (hereinafter referred to as *Supplements*) provides the additional requirements for the Certification Program for Building Fabricators (BU) (hereinafter referred to as the *Program*).

Section 1 Before Your Audit

- BU1.1 All Participants and Applicants are required to have available and comply with these *Supplements* and the *Governing Requirements for Certification Programs* (hereinafter referred to as the *GRs*).
- BU1.2 The *Standard for Certification Programs* (hereinafter referred to as the *Standard*) is the primary normative document for all Certification Programs. Whenever there is a conflict between the *Supplements* and the *Standard*, the *Supplements* shall govern.
- BU1.3 *Standard* Chapter 1 (General Requirements) and Chapter 2 (Building Fabricator Requirements) apply to this *Program*.
- BU1.4 Participants and Applicants are eligible to apply for the Complex Coatings Endorsement (CCE 1, 2, or 3). For information and requirements concerning this endorsement, refer to GR Section 2, "Applying for Certification," or Section 8, "Making Changes to the Certification Scope," and the *Supplemental Requirements for Applicators of Complex Coatings Endorsement (CCE)*.



CERTIFICATION PROGRAMS

- BU1.5 Applicants to this Program must submit an application, payment, and all documents required by the Application Document Submittal for AISC Certification
<https://www.aisc.org/certification/applicants>.

Section 2 During Your Audit

- BU2.1 The Quality Management System (QMS) that this *Program* applies to will be audited. Sample jobs/contracts of structural steel work meeting the scope of their certification(s) and endorsement(s) will be used to demonstrate capability to meet the *Program* regardless of whether the job/contract requires an AISC certified fabricator.
- BU2.2 Participants and Applicants are required to be actively fabricating in the shop at the time of the audit that can be used to demonstrate compliance with the provisions of the Program. This work must be structural steel as defined in Section 2.1 of the *Code of Standard Practice for Steel Buildings and Bridges* (AISC 303). **If it is known or suspected that there will not be this type of work in the shop at the time of the audit, please notify your assigned auditor immediately.**

If you have not received your audit plan 30 days prior to your scheduled audit, please contact AISC.

Solutions may include a demonstration of capability (See GR 5.11) that follows the quality management system. Participants unable to adhere to this requirement during the audit will be referred to the Certification Review Group (CRG), who will make a decision on whether or not the certificate renewal process will be terminated.

- BU2.3 Participants and Applicants will be audited and evaluated to ensure compliance with the current AWS D1.1/D1.1M, *Structural Welding Code-Steel*, regardless of whether this is required by the sampled contracts and specifications. Participants and Applicants shall maintain the following documents in compliance with AWS D1.1/D1.1M, *Structural Welding Code-Steel* and have them available for review during each audit:
- At least one representative Welding Procedure Specification (WPS)
 - At least one supporting Procedure Qualification Record (PQR) when required
 - At least one Welder Qualification Test Record (WQTR) maintained current and qualified with records of period of effectiveness

Observation of PQRs, WPSs, or WPQRs does not constitute approval by AISC, QMC, or the QMC auditor. The applicant or participant is responsible for preparing and maintaining documents conforming to the applicable welding code.- Reference AASHTO/AWS D1.1:2020 Clause 1.5.2, et al.



CERTIFICATION PROGRAMS

BU2.4 Participants and Applicants must perform a bolting method demonstration at each Initial Certification, and as indicated in the audit plan audit, first in-person audit when a Participant holds a Conditional Certification, scope change audits (as applicable) and as determined necessary by the CRG.

The demonstration shall comply with the current RCSC *Specification for Structural Joints Using High-Strength Bolts* Section 7, "Pre-Installation Verification." This demonstration must be performed by personnel from the Participant's or Applicant's company who are typically involved in bolt installation.

BU2.5 Participants and Applicants must demonstrate that their Quality Control Inspector(s) (QCI) is/are qualified per the current ANSI/AISC 360 *Specification for Structural Steel Buildings* Section N4. These qualifications must be stated by the Participant/Applicant in its quality management system, including documented training and experience requirements.

COMMENTARY Provided for clarification of criteria in the Standard and includes reference to the appropriate section(s) of the Standard.

C1 2.3 References: the following commentary references are no longer available:
(e) SSPC *Steel Structures Painting Manual, Volume I, Good Painting Practice*
(f) SSPC *Steel Structures Painting Manual, Volume II, Systems and Specifications*