Supplemental Requirements for Highway Component Manufacturers (CPT)

Preface

The 2023 revision is not a complete revision of the Supplemental Requirements for Highway Component Manufacturers (CPT). The following changes have been made in this revision:

- Section 1 Before Your Audit
  - 2.2 - Revision
- Section 2 During Your Audit
  - 2.5 - Editorial

Scope

This document (hereinafter referred to as the Supplements) provides the additional requirements for the AISC Certification Program for Highway Component Manufacturers (CPT) (hereinafter referred to as the Program).

Section 1 Before Your Audit

CPT1.1 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).

CPT1.2 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.

CPT1.3 Standard Chapter 1 (General Requirements) and Chapter 3 (Metal Component Manufacturer Requirements) apply to this Program.

CPT1.4 Participants and Applicants are eligible to apply for the Complex Coatings Endorsement (CCE). 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 Program Requirements for Applicators of Complex Coatings Endorsement (CCE).
CPT1.5 Participants and Applicants are eligible to apply for the Fracture Control Endorsement (FCEB). 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 AISC Supplemental Program Requirements for Fracture Control Endorsement (FCEB).

CPT1.6 Applicants to this Program must submit an application, payment, and all documents required by the Application Document Submittal for AISC Certification—Fabricators and Manufacturers.

Section 2 During Your Audit

CPT2.1 The Quality Management System (QMS) that this Program applies to will be audited. Sample jobs/contracts of bridge and highway components 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 manufacturer.

CPT2.2 Participants and Applicants are required to have work 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 prior to the expiration of their certificate 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.

CPT2.3 Standard Section 1.3 is clarified and modified by the following:

- SSPC Steel Structures Painting Manual, Volume I, Good Painting Practice, is only required when painting operations are performed.
- SSPC Steel Structures Painting Manual, Volume II, Systems and Specifications, is only required when painting operations are performed.

Current editions of the following references are required. (Note: Other editions may also be required by existing participant contracts.)

- ANSI/AISC 360, Specification for Structural Steel Buildings
- RCSC Specification for Structural Joints Using High-Strength Bolts, if bolting operations are performed at the facility

Provisions of Standard Element 1.3 not modified above remain in effect.

Supplemental Program Requirements for Highway Component Manufacturers (CPT) June 1, 2023
Supersedes all previous Governing Requirements
CPT2.5 Participants and Applicants will be audited and evaluated to ensure compliance with the current AWS welding code in use, 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) (when required) maintained current and qualified with records of period of effectiveness

CPT2.6 When manufacturer’s operations require high-strength bolting, *Participants* must perform a bolting method demonstration at each Initial Certification (INIT) and Full Certification Renewal (RF) audit. The demonstration shall comply with the current RCSC *Specification for Structural Joints Using High Strength Bolts* Section 7, “Pre-Installation Verification.”