CERTIFICATION PROGRAMS

Supplemental Requirements for Applicators of Complex Coatings Endorsement (CCE)

PREFACE

The 2025 revision is not a complete revision of the *Supplemental Requirements for Applicators of Complex Coatings Endorsement (CCE)*. The following changes have been made in this revision:

SCOPE - Revision

SECTION 1 BEFORE YOUR AUDIT

- CCE1.3 Revision

SECTION 2 DURING YOUR AUDIT

- CCE2.5 Revision
- CCE2.6 New

SECTION 3 UPDATES FOR SPE/QP 3 420-10 BY SECTION - No Changes

SCOPE

This document (hereinafter referred to as the *Supplements*) provides the additional requirements for the AISC Certification Program for Applicators of Complex Coatings Endorsement (CCE) (hereinafter referred to as the *Program*).

Complex Coating Endorsement (CCE 1, 2, or 3) supersedes Sophisticated Paint Endorsement (P1/SPE-1, P2/SPE-2, or P3/SPE-3). The categories are as follows and defined in the SPE/QP 3 420-10 *Certification Standard for Shop Application of Complex Protective Coating Systems*:

- 1 - Enclosed
- 2 - Covered
- 3 - Open (Exposed)

SECTION 1 BEFORE YOUR AUDIT

CCE1.1 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*).

CCE1.2 This *Program* is an endorsement to the fabricator certification programs and requires concurrent certification(s) with an AISC Certified Fabricator Program. These are:

- Certification Program for Building Fabricators
- Certification Program for Bridge Fabricators (all categories)
- Certification Program for Hydraulic Fabricators (all categories)
- Certification Program for Highway Component Manufacturers

CCE1.3 This *Program* uses the *Certification Standard for Shop Application of Complex Protective Coating Systems (SPE/QP 3 420-10*) (hereinafter referred to as the *Standard*) as the normative document. Whenever there is a conflict between the *Supplements* and the *Standard*, the *Supplements* govern.

CCE1.4 In order for the Participant and Applicant's coatings facility to be eligible for this endorsement, it must be operated under the same company name and Quality Management System.

CCE1.5 Applicants to this *Program* must submit an application, payment, and all documents required by the *Application Document Submittal for AISC Certification—Complex Coatings*.

SECTION 2 DURING YOUR AUDIT

CCE2.1 All Participants and Applicants are required to comply with and have available these *GRs*, the *Standard*, and the current editions, in English, of the following normative references:

- AISC 303, *Code of Standard Practice for Steel Buildings and Bridges*
- ANSI/AISC 360, *Specification for Structural Steel Buildings*
- SSPC PA 1, *Shop, Field, and Maintenance Coatings of Metal*
- SSPC PA 2, *Procedure for Determining Conformance to Dry Coating Thickness Requirements*
- SSPC PA 17, *Procedure for Determining Conformance to Steel Profile/Surface Roughness/ Peak Count Requirements*
- SSPC AB 1, *Mineral and Slag Abrasives*
- SSPC AB 2, *Cleanliness of Recycled Ferrous Metallic Abrasives*
- SSPC SP 1, *Solvent Cleaning*
- SSPC SP 2, *Hand Tool Cleaning*
- SSPC SP 3, *Power Tool Cleaning*
- SSPC SP 5/NACE No. 1, *White Blast Cleaning*

- SSPC SP 6/NACE No. 3, *Commercial Blast Cleaning*
- SSPC SP 7/NACE No. 4, *Brush-Off Blast Cleaning*
- SSPC SP10/NACE No. 2, *Near-White Metal Blast Cleaning*
- SSPC VIS 1, *Guide and Reference Photographs for Steel Surfaces Prepared by Dry Abrasive Blast Cleaning*
- SSPC VIS 3, *Guide and Reference Photographs for Steel Surfaces Prepared by Power and Hand Tool Cleaning*
- ASTM D3276, *Standard Guide for Painting Inspectors (Metal Substrates)*
- ASTM D4285, *Standard Test Method for Indicating Oil or Water in Compressed Air*
- ASTM D4417, *Standard Test Methods for Field Measurement of Surface Profile of Blast Cleaned Steel*
- ASTM D7091, *Standard Practice for Nondestructive Measurement of Dry Film Thickness*
- ASTM D4228, *Standard Practice for Qualification of Coating Applicators for Application of Coatings to Steel Surfaces*

CCE2.2 Personnel involved in the coating application process of the Quality Management System may be either employees of the Participants/Applicants or contracted workers. In the case of the latter, contract status and qualifications must be demonstrable.

CCE2.3 Participants and Applicants will be audited and evaluated to ensure that they demonstrate compliance with the current applicable SSPC/AMPP/NACE/ASTM/AISC coating specification, regardless of whether this is required by the sampled contracts and specifications.

CCE2.4 AMPP Certified Coating Inspectors (CCIs) may be either employees of or contracted by the Participant or Applicant. In the case of a contracted CCI, contract status and qualifications of the CCI must be demonstrable.

CCE2.5 Participants and Applicants are required to have active coating work in the shop at the time of the audit that can be used to demonstrate the ability to meet the requirements of the *Program* or work of equivalent complexity as determined by the auditor.

When Participants and Applicants do not have contracted coating work in-house at the time of the audit, they must demonstrate their capability to prepare and apply complex coating systems by creating a mock project or running a portion of a project that demonstrates compliance with the *GRs* and *Supplements*. Participants and Applicants may also choose to create a test panel that meets the requirements of ASTM D4228, *Standard Practice for Qualification of Coating Applicators for Application of Coatings to Steel Surfaces*, the Participant's coating process of the Quality Management System, and the *GRs* and *Supplements.* An active jobsite is where the minimum following activities are occurring during the audit.

Active coating work is defined as work that is in process or recently completed (not shipped). The auditor must be able to review records and request a DFT check of

finished coating.

CCE2.6 Participants and Applicants are required to demonstrate the procedure for verification of accuracy and adjustment as described in the current edition of AMPP PA 2 and ASTM D 7091. This shall include calibration and verification records for the DFT device, which must be calibrated at least every 12 months.
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SECTION 3 UPDATES FOR SPE/QP 3 420- 10 BY SECTION

3. SSPC-PA 1 *Shop, Field and Maintenance Painting of Steel* has been replaced by SSPA-PA 1 *Shop, Field, and Maintenance Coating of Metals*

   SSPC-PA 2 *Measurement of Dry Coating Thickness with Magnetic Gages* has been replaced by SSPC-PA 2 *Procedure for Determining Conformance to Dry Coating Thickness Requirements*

5.4.5 ASTM D4228 refers to ASTM D4228 *Standard Practice for Qualification of Coating Applicators for Application of Coatings to Steel Surfaces*

14. Section 3 of SSPC-PA 2 is replaced by Section 5 of SSPC-PA 2.

15. Section 5.1.5 of SSPC-PA 1 *Shop, Field, and Maintenance Painting of Steel* is replaced by Section 5.4 of SSPA-PA 1 *Shop, Field, and Maintenance Coating of Metals*

18.2 ASTM D3276 refers to ASTM D3276 *Standard Guide for Painting Inspectors (Metal Substrates)*