Guide to Surveillance of Protective Coatings of Structural Steelwork - Amendment A

February 2019

1. Scope

1.1. General


2. Amendments to TB 48

2.1. Clause 2.3, paragraph 3

Amend sentence 2 to:

In particular these personnel must be particularly conversant with Section 631 - Protective Treatment of Steelwork, of the VicRoads Standard Specifications for Roadworks and Bridgeworks.

2.2. Appendix A - Accreditation Criteria

Replace the entire clause titled Company Accreditation with the following:

All companies or organisation conducting surveillance of protective coatings required by VicRoads Standard Specification Sections, Codes of Practice and applicable test methods shall meet the requirements of AS/NZS ISO/IEC 17020 - Conformity assessment - Requirements for the operation of various types of bodies performing inspection.

All test reports shall be endorsed in accordance with the AS/NZS ISO/IEC 17020 accreditation for that organisation. Organisations shall comply with the resource requirements for competent surveillance inspection personnel and appropriate supervision as required by AS/NZS ISO/IEC 17020. (Test reports may be called test certificates.)

Note: Accreditation bodies which are signatories to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for inspection bodies can offer accreditation against the requirements of AS ISO/IEC 17020. A listing of ILAC signatories is available from the ILAC website (www.ilac.org). In Australia, the National Association of Testing Authorities (NATA, https://www.nata.com.au) is a signatory to the ILAC MRA.

2.3. Appendix A - Accreditation Criteria

Surveillance of Protective Coatings Personnel Qualifications

Replace the entire clause titled Personnel Qualifications with the following:

In addition to the general requirements specified for AS/NZS ISO/IEC 17020 accreditation, protective coating surveillance personnel shall meet at least the following requirements for qualifications and certification before gaining inspection accreditation as an authorised signatory for protective coatings surveillance:

1. Attendance at a two-day course in auditing or quality management principles, conducted by a recognised quality training organisation; and

2. Completion of a trade certificate in a relevant industrial field such as industrial painting, galvanizing, welding or boiler making, or a certificate of technology specific to protective coatings or steel fabrication, from a recognised technical institution; and

3. At least one of the following qualifications:


(b) Fundamentals of Protective Coatings (C1) (SSPC, US, www.sspc.org);

(c) Basic Coatings Inspection Course (KTA Tator,https://kta.com); or

(d) An equivalent qualification acceptable to the road agency;

and

4. At least one of the following certifications:

(a) Coatings Inspection Certificate (ACA Inc.);
(b) Certified Protective Coatings Inspector (Certification Board for Inspection Personnel – NZ, www.cbip.co.nz);
(c) NACE Coating Inspection Program (CIP) Level 1 (through ACA Inc);
(d) British Gas Certified BGAS-CSWIP Painting Inspector - Grade 1 (www.twitraining.com);
(e) Protective Coatings Inspector Program (PCI) Level 1 (SSPC – US, www.sspc.org);
(f) Hot Dip Galvanizing Inspector Program (through ACA Inc); or
(g) An equivalent certification acceptable to the road agency; and

5. Demonstration of both satisfactory near range and medium range vision, and satisfactory colour perception, through:

(a) demonstration of satisfactory eyesight for near vision, permitting reading a minimum of Times Roman 4.5 points, or equivalent type and size letters, at not less than 300 mm on a standard test chart for near vision, in at least one eye, corrected or uncorrected (see note);

and

(b) a colour perception assessment by the Ishihara 24 plate test or an equivalent.

Note: This text is Times Roman 4.5 points, and is an example of what must be readable by the protective coating surveillance officer, as required by AS 3978-2003: Non-destructive testing: Visual inspection of metal products and components, Clause 4.6.a.

Documented evidence of qualifications and courses shall be provided at the initial assessment to AS/NZS ISO/IEC 17020. Accredited facilities or organisations shall retain copies of this documentation for verification at subsequent reassessments or at subsequent audits.

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VicRoads Code of Practice - Revision Summary

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