STANDARDS AUSTRALIA

RECONFIRMATION

OF
AS 3894.1—2002
Site testing of protective coatings
Method 1: Non-conductive coatings—Continuity testing—High voltage ('brush') method

RECONFIRMATION NOTICE

Technical Committee CH-003 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 25 September 2013.

The following are represented on Technical Committee CH-003:

Australasian Corrosion Association
Australian Paint Approval Scheme
Australian Paint Manufacturers' Federation
Australian Pipeline Industry Association
Water Corporation Western Australia

NOTES

AS 3894.1—2002
Reconfirmed 2013

Australian Standard™

Site testing of protective coatings

Method 1: Non-conductive coatings—Continuity testing—High voltage (brush) method

PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee CH-003, Paints and Related Materials, to supersede AS 3894.1—1991. After consultation with stakeholders in both countries, Standards Australia/Standards New Zealand decided to develop this Standards as an Australian Standard rather than an Australian/New Zealand Standard.

The Standard was originally requested by the Queensland and New South Wales professional associations concerned with blast cleaning and the protection of heavy-duty structures.

This test method is intended to locate accurately defects, which may subsequently be repaired by appropriate procedures, prior to the item being placed into service.

This Standard is part of a series of Standards that provide test methods for inspectors and technical staff involved in the conduct of continuity testing and the assessment of results. As products tested are generally expected to exhibit long life without maintenance, and are often difficult or costly to assess once installed, it is essential that sound inspection methods are used and accurate test results are obtained before product installation can be commenced.

This Standard has drawn on literature issued by many professional bodies and instrument manufacturers, and acknowledgement is made of the assistance received. Source documents include the following:

AMERICAN SOCIETY FOR TESTING AND MATERIALS. ASTM G62-87 *Test methods for holiday detection in pipeline coatings.* Philadelphia: ASTM, 1984.

NATIONAL ASSOCIATION OF CORROSION ENGINEERS. NACE RP 0188-88 *Discontinuity (holiday) testing of protective coatings.* Houston: NACE, 1988.

STEEL STRUCTURE PAINTING COUNCIL. *Steel structures painting manual.* Pittsburgh: SSPC, June 1983, vol. 1, pp 202-205.

BARTLETT, D.J. Cost effective coating inspection. *Corrosion Australasia.* April 1983, pp 8-12.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

Standards Australia