

STANDARDS AUSTRALIA

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**RECONFIRMATION**

**OF**

**AS 2331.3.12—2006**

**Methods of test for metallic and related coatings**

**Method 3.12: Corrosion and related property tests—Cyclic salt fog/UV exposure of organically coated metal**

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**RECONFIRMATION NOTICE**

Technical Committee MT-009 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 20 March 2017.

The following are represented on Technical Committee MT-009:

Australasian Institute of Surface Finishing  
Australian Chamber of Commerce and Industry  
Australian Industry Group  
Australian Steel Institute  
Bureau of Steel Manufacturers of Australia  
Galvanizers Association of Australia  
Galvanizing Association of New Zealand  
New Zealand Metal Roofing Manufacturers

## NOTES

# Australian Standard<sup>®</sup>

## Methods of test for metallic and related coatings

### Method 3.12: Corrosion and related property tests—Cyclic salt fog/UV exposure of organically coated metal

#### PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee MT-009, Metal Finishing.

After consulting with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to specify a method for corrosion/UV exposure testing of paints on metals.

This Standard is Part 3.12 of a series of Standards covering the methods of test for metallic and related coatings.

During the preparation of this Standard cognizance was taken of ASTM D5894, *Standard practice for cyclic salt fog/UV exposure of painted metals (alternating exposures in a fog/dry cabinet and a UV/condensation cabinet)*.

#### METHOD

##### 1 SCOPE

This Standard specifies the basic principles and operating test for cyclic corrosion/UV exposure of paints on metals, using alternating periods of exposure in two different cabinets; a cycling salt/dry cabinet, and a fluorescent UV/condensation cabinet.

This test is limited to the methods of obtaining, measuring and controlling exposure conditions, and procedures. For the evaluation of results refer to AS 1247.

##### 2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS	
1247	Metallic coatings—Rating of test specimens and manufactured articles subject to corrosion tests
2483	Metal finishing—Recommended sampling plans for the inspection and testing of coatings (ISO 4519:1980, MOD)
4108	Metal finishing—Glossary of terms in electroplating and related processes