

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 2205.10.1—2003

**Methods for destructive testing of welds in metal
Method 10.1: Corrosion test for welded austenitic stainless steel**

RECONFIRMATION NOTICE

Major stakeholders of this publication have 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 12 January 2018.

NOTES

Australian Standard™

AS 2205.10.1

Methods for destructive testing of welds in metal

Method 10.1: Corrosion test for welded austenitic stainless steel

PREFACE

This Standard was prepared by the Standards Australia Committee WD-006, Testing of Welds, to supersede AS 2205.10.1—1997.

The objective of this edition is to update the Standard and include editorial changes in accordance with current Standards Australia editorial policy.

METHOD

1 SCOPE

This Standard sets out a method for corrosion testing of a welded austenitic stainless steel joint.

2 REFERENCED DOCUMENT

The following document is referred to in this Standard:

AS

2038 Methods for detecting the susceptibility of austenitic stainless steels to intergranular corrosion

3 PRINCIPLE

A test specimen is prepared in a specified manner and treated with hot nitric acid and acidified copper sulfate in contact with copper. The susceptibility of the test specimen to intergranular attack is assessed.

4 PREPARATION OF TEST SPECIMEN

Unless otherwise specified, the parent material, filler material, welding procedure and any subsequent treatment, including heat treatment, shall be in accordance with the application Standard.

5 PROCEDURE

The test shall be carried out and evaluated in accordance with AS 2038.