STANDARDS AUSTRALIA

RECONFIRMATION

OF
AS 2205.3.4—2003
Methods for destructive testing of welds in metal
Method 3.4: Transverse joggle-butt wrap-around bend test

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

AS 2205.3.4—2003
Reconfirmed 2018

Australian Standard™

Methods for destructive testing of welds in metal

Method 3.4: Transverse joggle-butt wrap-around bend test

PREFACE

This Standard was prepared by the Standards Australia Committee WD-006, Testing of Welds to supersede AS 2205.3.4—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 transverse joggle-butt wrap-around bend testing of a welded joint. The test is usually limited to material with a thickness of not more that 16 mm.

NOTE: The test aids in the assessment of the soundness and ductility of joints in the weld zone.

2 REFERENCED DOCUMENT

The following document is referred to in this Standard:

AS
2205 Methods for destructive testing of welds in metal
2205.1 Method 1: General requirements for tests

3 PRINCIPLE

A test specimen is bent around a former in a wrap-around test jig of a type appropriate to the thickness of the specimen to be tested, then examined to determine the soundness of weld metal and the general condition of the specimen after bending.

4 PREPARATION OF TEST SPECIMEN

The test specimen shall be prepared in accordance with the requirements of AS 2205.1 and the following:

(a) The test specimen shall be cut so that the length is at right angles to the weld and sufficient to permit bending in the wrap-around jig.

(b) The width of the test specimen shall be as specified in the application Standard. Where no width is specified for material 5 mm or less in thickness, the width of the test specimen shall be not less than six times the thickness.