

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 2205.2.3—2003

**Methods for destructive testing of welds in metal
Method 2.3: Transverse joggle-butt tensile 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

Methods for destructive testing of welds in metal**Method 2.3: Transverse joggle-butt tensile test**

PREFACE

This Standard was prepared by the Standards Australia Committee WD-006, Testing of Welds, to supersede AS 2205.2.3—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 testing of a welded joint.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

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| 1391 | Methods for tensile testing of metals |
| 2205 | Methods for destructive testing of welds in metal |
| 2205.1 | Method 1: General requirements for tests |

3 PRINCIPLE

A test specimen cut transversely from a joggle-butt welded joint is subjected to uniaxial tension. The transverse tensile strength is determined.

4 PREPARATION OF TEST SPECIMEN

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

- The form and dimensions of the test specimen shall be in accordance with Figure 1.
- It shall be cut transversely to the welded joint and shall be the full thickness of the material at the welded joint.
- The weld reinforcement and the joggled joint shall be left as welded, unless otherwise specified.
- The radii and parallel edges shall be machined.
- The specimen may be straightened in the longitudinal direction and only the ends need be flattened for gripping in the testing machine.