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AS/NZS 1554.3:2014
(Incorporating Amendment No. 1)

AS/NZS 1554.3:2014

Australian/New Zealand Standard™

Structural steel welding

Part 3: Welding of reinforcing steel



AS/NZS 1554.3:2014

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee WD-003, Welding of Structures. It was approved on behalf of the Council of Standards Australia on 24 September 2014 and on behalf of the Council of Standards New Zealand on 12 September 2014.
This Standard was published on 25 November 2014.

The following are represented on Committee WD-003:

Australasian Corrosion Association
Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Steel Institute
Austroads
Bureau of Steel Manufacturers of Australia
Energy Networks Association
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This Standard was issued in draft form for comment as DR AS/NZS 1554.3.

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(Incorporating Amendment No. 1)

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Part 3: Welding of reinforcing steel

Originated in Australia as AS CA8.3—1970.
Originated in New Zealand as AS/NZS 1554.3:2002.
Previous edition 2008.
Third edition 2014.
Reissued incorporating Amendment No. 1 (November 2017).

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Jointly published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001 and by Standards New Zealand, PO Box 1473, Wellington 6140.

ISBN 978 1 74342 892 4

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WD-003, Welding of Structures, to supersede AS/NZS 1554.3:2008.

This Standard incorporates Amendment No. 1 (November 2017). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The objective of this Standard is to provide a code for the welding of reinforcing steel.

This edition takes cognizance of the ISO Standards for the welding of reinforcing steels, ISO 17660-1, *Welding—Welding of reinforcing steel, Part 1: Load-bearing welded joints* and ISO 17660-2, *Welding—Welding of reinforcing steel, Part 2: Non load-bearing welded joints* and, where deemed relevant by the Committee, appropriate requirements have been incorporated or adopted with modification. Changes associated with Australia and New Zealand adopting the ISO welding consumable Standards have also been included in this edition, as have changes to maintain consistency with other parts of the AS/NZS 1554 series of Standards.

The differences from the 2008 edition of AS/NZS 1554.3 are as follows:

- (a) Clarification of general requirements: Clauses 1.1, 1.4.13, 1.4.15.1, 1.6.2, 4.11, Table 4.11(A) and Figure 3.1.3.
- (b) Changes associated with alignment with AS/NZS 1554.1: Clauses 1.3, 1.7, 3.1.8, 4.1, 4.2, 4.3, 4.4, 4.6.2, 5.3, 6.2.2, 6.5, 6.7, 7.2, Tables 4.7.1(A), 4.7.1(B), 5.3, and Figure 3.3.2(A).
- (c) Changes to welding consumable classification Standards: Clauses 2.3.1, G4, and Tables 3.2, 4.6(A), 4.6(B).
- (d) Clarification of requirements for the welding of non-loadbearing welding joints: Clause 3.3, 5.6, Tables 3.3 (new), 4.7.1(B) and 4.12.2(A) and Figure 3.3.2(B).
- (e) Correction of errors and other amendments: Clauses 1.4.16, 1.9.3, 4.12.1, 4.12.2, 5.7.3, G4, Tables 4.1.2(B), 4.12.2(B), 5.3 (Title only) and Table F3.
- (f) New Appendix G.

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.

Statements expressed in mandatory terms in notes to tables are deemed to be requirements of this Standard.

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