

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Amendment No. 1
to
AS/NZS 2980:2018
Qualification of welders for fusion welding of steels—Additional requirements for
Australia and New Zealand

REVISED TEXT

The 2018 edition of AS/NZS 2980 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to Clauses 3.3 3.4 and Appendices B and C.

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Clause 3.3

- 1 For reference ISO 5817, *replace* the row with the following:

ISO 5817	Welded—Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded)—Quality levels for imperfections	AS/NZS ISO 5817	Welding—Fusion welded joints in steel, nickel, titanium and their alloys (beam welding excluded)—Quality levels for imperfections
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- 2 For reference ISO 9017, *replace* the row with the following:

ISO 9017	Destructive tests on welds in metallic materials—Fracture test	AS/NZS 2205.4.1	Methods of destructive testing of welds in metal Method 4.1: Fracture test
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- 3 For reference ISO 17637, *replace* the row with the following:

ISO 17637	Non-destructive testing of welds—Visual testing of fusion-welded joints	AS/NZS ISO 17637	Non-destructive testing of welds—Visual testing of fusion welded joints
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- 4 For reference ISO 17639, *replace* the row with the following:

ISO 17639	Destructive tests on welds in metallic materials— Macroscopic and microscopic examination of welds	AS/NZS 2205.5.1	Methods for destructive testing of welds in metal— Method 5.1: Macroscopic and microscopic examination of welds
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Appendix B, Clause B2

- 1 In the list of referenced documents, *delete* AS 2205.4.1, AS 2205.4.2, AS 2205.5.1 and AS 3978.
- 2 In the list of referenced documents, *insert* the following in the AS/NZS section:

2205	Methods of destructive testing of welds in metal
2205.4.1	Method 4.1: Fracture test
2205.5.1	Method 5.1: Macroscopic and microscopic examination of welds
- 3 In the list of referenced documents, *insert* the following in the AS/NZS ISO section:

17637	Non-destructive testing of welds—Visual testing of fusion welded joints
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Appendix B, Clause B3.2

In the first paragraph, *replace* “AS 3978” with “AS/NZS ISO 17637”.

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Appendix B, Clause B3.4.1

- 1 *Replace* existing title with “Butt weld test”.
- 2 In the first paragraph, *replace* “nick break test” with “butt weld test”.
- 3 In the first paragraph, *replace* “AS 2205.4.1” with “AS/NZS 2205.4.1”.

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Appendix B, Clause B3.4.2

- 1 *Replace* existing title with “Fillet weld test”.
- 2 In the first paragraph, *replace* “fillet break test” with “fillet weld test”.
- 3 In the first paragraph, *replace* “AS 2205.4.2” with “AS/NZS 2205.4.2”.
- 4 In the second paragraph, *add* a new Item (c) as follows:
 - (c) Fillet welds shall have fusion to the root of the weld, but not necessarily beyond.

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Appendix B, Clause B3.5

In the first paragraph, *replace* “AS 2205.5.1” with “AS/NZS 2205.5.1”.