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AS/NZS 1554.3:2002 Structural steel welding - Welding

a of reinforcing steel

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Abbreviation

AS/NZS 1554.3:2002

Amendment

?AS/NZS 1554.3:2002A1 . - incorporated. Published 02/02/2003.

Valid from

24/10/2002

Information provider

Standards New Zealand

Author

Standards New Zealand, Standards Australia

Information type

New Zealand Standard

Format

PDF

Cited By

This resource is cited by 3 documents (show Citations)

Description

This Standard specifies requirements for the welding of reinforcing steel used in concrete structures that are designed and constructed in accordance with AS 3600 or NZS 3101.1, as well as other Standards that may be appropriate.

It also applies to the welding of steel connection devices, inserts, anchors and anchor details, including prefabricated assemblies required in reinforced and precast concrete constructions.

Reprinted to incorporate Amendment 1:2003.

Scope

This Standard specifies requirements for the welding of reinforcing steel used in concrete structures that are designed and constructed in accordance with AS 3600 or NZS 3101.1, as well as other Standards that may be appropriate, by the following processes:

- Manual metal-arc welding (MMAW)
- Gas metal-arc welding (GMAW)
- Flux-cored arc welding (FCAW)
- · Flash butt welding
- Flame-pressure welding or other processes approved by the principal

The Standard applies specifically to the welding of reinforcing steels complying with AS/NZS 4671, but other steels may be used as provided for in Clause 2.1.

It also applies to the welding of steel connection devices, inserts, anchors and anchor details, including prefabricated assemblies required in reinforced and precast concrete constructions.

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NZS 3101.1&2:2006

AS/NZS 1554.3:2002 is cited by NZS 3101.1&2:2006 Concrete structures standard. The design of concrete structures

NZS 3109:1997

AS/NZS 1554.3:2002 is cited by NZS 3109:1997 Concrete construction

NZS 4230:2004

AS/NZS 1554.3:2002 is cited by NZS 4230:2004 Design of reinforced concrete masonry structures

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