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AS 1554.3-1983 Structural steel welding (known as the SAA Structural Steel Welding Code) - Part 3: Welding of reinforcing steel

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Abbreviation

AS 1554.3-1983

Valid from

01/01/1983

Information provider

SAI Global

Author

Standards Australia

Information type

Australian Standard

Format

PDF, Hard copy

Cited By

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Description

This Standard covers welding of reinforcement intended to form part of concrete constructions designed and constructed in accordance with AS 1480 and AS 1481.

Includes welding of high-strength steel reinforcing bars specified in AS 1302. It deals with metal arc, flash butt, and gas pressure welding, in the field or in the shop, of steel bar splices, steel construction devices, inserts, anchors and anchor details, including prefabricated assemblies. Connection by butt or fillet welds of reinforcing bar to steel plate and sections is also covered. Qualification procedures and tests of welders are included.

Scope

This standard sets out requirements for materials of construction, prequalified weld preparations, methods for the qualification of welding procedures and welding personnel, together with workmanship and inspection requirements for the welding of reinforcing steel in concrete structures designed and constructed in accordance with AS 1480 and AS 1481.

It is intended for the welding of reinforcing steel complying with AS 1302, AS 1303 and AS 1304, but applies also to the welding of steel connection devices, inserts, anchors and anchor details, including prefabricated assemblies required in reinforced concrete and precast concrete constructions, in the fabrication shop and in the field.

Note: Appendix A gives a list of matters of a contractual nature which might need to be finalized between the principal and the contractor.

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