AS/NZS 1554.2:2003 Structural steel welding - Stud welding (steel studs to steel)

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Abbreviation
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Description
This Standard specifies requirements for the stud welding of steel studs to steel elements, such steel studs being used for the attachment of members and connection devices to concrete, and for fastening of other members and appurtenances. This Standard does not apply to the welding of studs to pressure vessels.

Scope
This Standard prescribes requirements for the stud welding of steel studs to steel elements, such steel studs being used for the attachment of members and connection devices to concrete (as concrete anchors and as shear connectors in composite steel/concrete construction), and for the fastening of other members and appurtenances. It also applies to the stud welding of steel studs through light-gauge steel sheet either coated or not coated, and includes requirements for the stud material, the parent material, the qualification of stud bases, stud welding procedure and operators, and the workmanship and testing of the finished welds.

This Standard does not apply to the welding of studs to pressure vessels.

A list of matters for resolution between the principal and fabricator is given in Appendix A.
This Standard specifies requirements for the stud welding of steel studs to steel elements, such steel studs being used for the attachment of members and connection devices to concrete, and for fastening of other members and appurtenances. This Standard does not apply to the welding of studs to pressure vessels.
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