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AS/NZS 3678:1996 Structural steel - Hot-rolled plates, floorplates and slabs

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Abbreviation

AS/NZS 3678:1996

Valid from

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Standards New Zealand

Author

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Description

This Standard specifies requirements for the production and supply of hot-rolled structural steel plates, floorplates and slabs for general structural and engineering applications. It also specifies requirements for the production and supply of wide slabs as fully killed analysis-only steel. Reprinted to append Amendment 1:1999.

Scope

This Standard specifies requirements for the production and supply of hot-rolled structural steel plates and floorplates for carbon and carbon-manganese mechanically-tested steels, fully-killed analysis-only steels, and low-alloy (weathering) mechanically-tested steels.

This Standard also specifies requirements for the production and supply of wide slabs as fully-killed analysis-only steel. For general structural and engineering applications, all grades specified in this Standard are suitable for -

- (a) welding in accordance with AS/NZS 1554; or
- (b) riveting and bolting as specified in AS 1538, AS 3990, AS 4100 and NZS 3404.

This Standard does not cover the following:

- (i) Structural steel - hot-rolled bars and sections (see AS/NZS 3679.1), and welded I sections (see AS/NZS 3679.2).
- (ii) Steel plates for pressure equipment (see AS 1548).
- (iii) Structural steel hollow sections (see AS 1163).

- (iv) Hot-rolled steel flat products (see AS 1594).
- (v) Structural and pressure vessel steel - Quenched and tempered plate (see AS 3597)

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