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AS/NZS 3678:1996

Australian/New Zealand Standard®

Structural steel—Hot-rolled plates, floorplates and slabs

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee BD/23, Structural Steel. It was approved on behalf of the Council of Standards Australia on 31 October 1995 and on behalf of the Council of Standards New Zealand on 13 November 1995. It was published on 5 February 1996.

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Association of Consulting Engineers, Australia
Australian Chamber of Commerce and Industry
AUSTROADS
Bureau of Steel Manufacturers of Australia
Heavy Engineering Research Association, New Zealand
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD/23 on Structural Steel to supersede AS 3678—1990.

The objective of this Standard is to specify requirements for hot-rolled plates, floorplates and slabs for general structural and engineering applications.

This edition incorporates Amendment No. 1 and the following major changes:

(a) Addition of new grade 450.

(b) 'Freedom from defects' and 'Removal of surface defects' clauses have been deleted and replaced with new 'Freedom from defects' clause based on the following international Standards:

(i) ISO 7788: 1985, *Steel—Surface finish of hot-rolled plates and wide flats—Delivery requirements.*

(ii) EN 10163: 1991, *Delivery requirements for surface condition of hot-rolled steel plates, wide flats and sections,* Part 1: *General requirements and* Part 2: *Plates and wide flats.*

(c) Provision is made for impact tests on plate thicknesses less than 8 mm using full thickness test piece.

(d) Appendix B is updated.

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

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