

AUSTRALIAN STANDARD A151-1966

(UDC 669.14.018.292:621.791)

Amendment no 1
Amendment no 2
3

16 SEP 1966

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STRUCTURAL STEEL OF HIGH YIELD STRESS (WELDING QUALITY)



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THE FOLLOWING SCIENTIFIC AND INDUSTRIAL ORGANIZATIONS AND SAA Technical Committees were officially represented on the committee entrusted with the preparation of this standard:

- Associated Chambers of Manufactures
- Australian and New Zealand Railways Conferences
- Bureau of Steel Manufacturers
- National Association of Australian State Road Authorities
- The Institution of Engineers, Australia
- Universities
- SAA Iron and Steel Standards Co-ordinating Committee
- SAA Committees on—
 - Steel Structures
 - Concrete Structures
 - Light-Gauge Steel Structures
 - Prestressed Concrete Structures
 - Testing of Metals

This standard, prepared by Committee BD/23, Structural Steel, was approved on behalf of the Council of the Standards Association of Australia on 13 May 1966.

To keep abreast of progress in industry, Australian standards are reviewed regularly. Suggestions for improvements to published standards are welcomed, and should be addressed to the headquarters of the Association, Sydney.

The specification is intended to include the technical provisions necessary for the supply of the materials herein referred to, but does not purport to comprise all the necessary provisions of a contract.

This standard was issued in draft form for public review as Doc. 949.

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Amendment No. 1
April 1967

AMENDMENT No. 1

to

30 MAY 1967

AS A151—1966

STRUCTURAL STEEL OF HIGH YIELD STRESS

Page 10. Clause 12, Identification.

Delete second paragraph and “note” and *substitute*:

The finished steel shall also be marked prior to fabrication to enable it to be identified with the ladle from which it was made and with this Specification.

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APRIL
1967

If the purchaser removes the marked portion from any plate, section or bar, the remainder of the steel shall be re-marked as above.

Notwithstanding the foregoing, material which is securely bundled together, with a metal tag attached to each bundle and marked as above, shall be deemed to be sufficiently identified.



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Amendment No. 2
November 1968

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Pages 6 and 7. Clause 9, Impact Properties.

Insert the following note at the end of the clause:

NOTE: Impact tests are not normally required for material 0.25 in (6.4 mm) thick or less.

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No. 2
Nov.
1968

Page 9. Clause 10, Number of Tests.

(i) *Tensile Tests.* Paragraph 3, line 6, after “form” insert:

“ . . . up to 2 in (50.8 mm) thick. Above 2 in, the additional test shall be made for each variation of 1 inch (25.4 mm) in thickness.”

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September 1970

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**STRUCTURAL STEEL OF HIGH YIELD STRESS
(WELDING QUALITY)**

Page 5. Table 2, Tensile Properties.

In columns 3, 4 and 5—

delete the title (Tensile Strength Range) and *substitute* “Minimum
Tensile Strength”; and
delete the upper limit for tensile strength in all cases.

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STANDARDS ASSOCIATION OF AUSTRALIA

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**Australian Standard Specification
for**

**STRUCTURAL STEEL
OF HIGH YIELD STRESS
(WELDING QUALITY)**

AS A151 — 1966

First edition 1966

**PUBLISHED BY THE STANDARDS ASSOCIATION OF AUSTRALIA,
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