

Australian Standard™

**Steel wire rope—Use, operation and
maintenance**

This Australian Standard was prepared by Committee ME-025, Lifting Tackle. It was approved on behalf of the Council of Standards Australia on 14 May 2004. This Standard was published on 7 September 2004.

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Australian Standard™

Steel wire rope—Use, operation and maintenance

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PREFACE

This Standard was prepared by the Standards Australia Committee ME-025, Lifting Tackle, to supersede AS 2759—1985.

The objective of this Standard is to promote the use of procedures that will improve safety while selecting, storing, handling, maintaining, using, inspecting and discarding steel wire ropes.

This Standard includes the following changes from the superseded edition:

- (a) The inclusion of Clause 1.3, Innovations.
- (b) The inclusion of recently introduced rope constructions and deletion of those not in common use.
- (c) Drawings illustrating withdrawing a rope from a reel have been improved.
- (d) An acknowledgment that mechanical splicing has largely replaced hand splicing.
- (e) A major revision of Section 6, Poured sockets, including specific instructions for both molten metal and resin socketing.
- (f) Deletion of instructions for hand splicing of rotation-resistant ropes.
- (g) A substantial updating of the whole Standard, to bring it up-to-date with current practices.
- (h) The addition of new appendix covering aluminium alloy ferrules.

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Statements expressed in mandatory terms in notes to tables are deemed to be requirements of this Standard.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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