AS 2759—1985

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STEEL WIRE ROPE— APPLICATION GUIDE

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PREFACE

This standard was prepared by the Association's Committee on Lifting Tackle. It supersedes AS MB1-1968, SAA Steel Wire Rope Manual.

This standard includes the following changes from AS MB1-1968:

- (a) Major changes of an editorial nature have been made in accordance with current SAA editorial policy.
- (b) Dimensions are metricated.
- (c) Correct methods of recoiling a rope are illustrated.
- (d) Resin socketing is introduced.
- (e) The specifications for metalled sockets have been replaced by references to suitable standards.
- (f) The specifications for socketing metal have been simplified and made less specific.
- (g) Le Blanc splicing is referred to.
- (h) The description in the figures covering long splicing has been simplified.
- (j) The specification for thimbles has been deleted because suitable standards for thimbles now exist.
- (k) Additional illustrations of damaged ropes are included.

A series of standards for components which are used in lifting systems are as follows:

- AS 1138 Thimbles for Use with Wire Rope or Fibre (Natural or Synthetic) Rope
- AS 1353 Synthetic-webbing Flat Slings
- AS 1380 Fibre-rope Slings (of Natural or Synthetic Rope)
- AS 1426 Steel Wire Ropes for Winding and Haulage Purposes in Mines
- AS 1438 Wire-coil Flat Slings
- AS 1504 Fibre Rope—Three-strand, Hawser Laid
- AS 1656 Steel Wire Ropes (Other Than for Mining Purposes)
- AS 1666 Wire-rope Slings
- AS 1752 Fibre Rope—Eight-strand Plaited
- AS 2076 Wire Rope Grips
- AS 2089 Sheave Blocks (Including Ships' Cargo Blocks) of Maximum Lift 60 t
- AS 2317 Collared Eyebolts
- AS 2318 Swivels
- AS 2319 Rigging Screws and Turnbuckles
- AS 2321 Short-link Chain for Lifting Purposes (Non-calibrated)
- AS 2740 Wedge-type Sockets
- AS 2741 Shackles
- AS B291 Lifting Rings and Links

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