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Australian Standard™

Railway track material

Part 3: Sleeper plates

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STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 1085.3—2002

Railway Track Material

Part 3: Sleeper Plates

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Technical Committee CE-002 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

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Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 13 September 2013.

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NOTES

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Part 3: Sleeper plates

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PREFACE

This Standard was prepared by the Standards Australia Committee CE-002, Railway Track Materials, to supersede AS 1085.3—2000, *Railway permanent way material, Part 3: Sleeper plates*.

The objective of this Standard is to provide manufacturers and purchasers with materials, dimensions and performance requirements for rolled or cast sleeper plates of clip-fastening and double shoulder type intended for use with timber sleepers in railway track.

Changes to the previous edition are as follows:

- (a) Change of title of the AS 1085 series (previously *Railway permanent way material*).
- (b) The referenced documents list has been revised.
- (c) The most recent version of the informative Appendix 'Means of demonstrating compliance with this Standard' has been included.

This Standard covers cast iron sleeper plates and alloyed carbon steel sleeper plates within the limits for chemical composition. In the area of unalloyed carbon steel baseplates it is based on ISO 6305-2—1983, *Railway components—Technical delivery requirements, Part 2: Unalloyed carbon steel baseplates*, but differs from it as follows:

- (i) This Standard contains no requirements covering working gauges, acceptance conditions or statistical quality level criteria for product.
- (ii) Materials for rolling are specified by chemical analysis.
- (iii) Tolerances are specified for more dimensions and are in some cases different.
- (iv) A bend test has been included.
- (v) Marking includes more detail.

An Appendix includes full development profiles and section properties for sleeper plates.

The Standard now requires that the datum side of rolled steel sleeper plates be clearly marked and the chemical composition has been brought in line with other recently published steel Standards.

This Standard does not preclude the adoption, by agreement between the purchaser and the manufacturer, of requirements other than those specified herein. The drawings in the Appendices show typical hole positions only; alternative arrangements may be negotiated with respect to hole configurations, dimensions and tolerances.

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.