This is a free page sample. Access the full version online.

Australian Standard™

Railway track material

Part 12: Insulated joint assemblies

Standards Australia

This is a free page sample. Access the full version online.

This Australian Standard was prepared by Committee CE-002, Railway Track Materials. It was approved on behalf of the Council of Standards Australia on 14 June 2002 and published on 1 August 2002.

The following are represented on Committee CE-002:

Australasian Railway Association

Australian Chamber of Commerce and Industry

Australian Industry Group

Bureau of Steel Manufactures of Australia

Rail Track Association Australia

Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about Standards can be found by visiting the Standards Australia web site at www.standards.com.au and looking up the relevant Standard in the on-line catalogue.

Alternatively, the printed Catalogue provides information current at 1 January each year, and the monthly magazine, *The Australian Standard*, has a full listing of revisions and amendments published each month.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.com.au, or write to the Chief Executive, Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001.

This Standard was issued in draft form for comment as DR 02108.

This is a free page sample. Access the full version online.

Australian Standard™

Railway track material

Part 12: Insulated joint assemblies

Originated as AS 1085.12—1987
Previous edition AS 1085.12—1999.
Third edition 2002.

COPYRIGHT

© Standards Australia International

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Published by Standards Australia International Ltd
GPO Box 5420, Sydney, NSW 2001, Australia

ISBN 0 7337 4613 6

This is a free page sample. Access the full version online.

PREFACE

This Standard was prepared by the Standards Australia Committee CE-002, Railway Track Materials, to supersede AS 1085.12—1999, *Railway permanent way material*, Part 12: *Insulated joint assemblies*.

The objective of this Standard is to provide manufacturers, specifiers and purchasers with performance requirements for insulated joints for use 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.

Two joint grades are described to separate a joint's performance characteristics from its type of construction so that innovation is not stifled. Grade A would generally be for factory-assembled bonded joints, but if the performance requirements were satisfied, Grade A could include a high performance field joint. Also a reduced performance factory-assembled bonded joint might be classed as Grade B.

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.

This is a free page sample. Access the full version online.

CONTENTS

Page

1 SCOPE 4
2 PURPOSE AND CONTEXT OF USE 4
3 APPLICATION 4
4 REFERENCED DOCUMENTS 5
5 DEFINITIONS 5
6 METHOD OF SPECIFYING 7
7 PERFORMANCE REQUIREMENTS 7
8 MARKING 10

APPENDICES
A MEANS OF DEMONSTRATING COMPLIANCE WITH THIS STANDARD 11
B INFORMATION TO BE SUPPLIED BY THE PURCHASER AND THE SUPPLIER 13
C ELECTRICAL TEST 14
D PULL-APART TEST 15
E LOAD DEFLECTION TEST 17
F REPEATED LOAD FATIGUE TEST 19
G JOINT STRAIGHTNESS TEST 21
H HEAD HARDNESS TESTS 22

SAI GLOBAL

This is a free preview. Purchase the entire publication at the link below:

Product Page

Looking for additional Standards? Visit Intertek Inform Infostore

Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation