AS 7664:2012

Railway Infrastructure

AS 7664:2012 - Railway Signalling Cable Routes, Cable Pit and Foundations
This Australian Railway Standard AS 7664:2012 Signalling Cable Routes, Cable Pits and Foundations was prepared by the RISSB Railway Signal Cables Development Group. It was signed off by the RISSB Railway Signal Cables Development Group and TCSSC in November 2012 and subsequently by the Development Advisory Board (DAB) in November 2012. The DAB confirmed that the process used to develop the standard was in accordance with the RISSB accredited development process. On the 26 November 2012 the RISSB Board approved the Standard for release. This Standard was published on the RISSB website (www.rissb.com.au) on the 14 December 2012.

Kevin Taylor
Chief Executive Officer
Rail Industry Safety and Standards Board

The following organisations were represented on the Railway Signal Cables Development Group:

<table>
<thead>
<tr>
<th>ARTC</th>
<th>Brookfield</th>
<th>Queensland Rail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rio Tinto</td>
<td>Rail Corp</td>
<td>PTA W.A</td>
</tr>
<tr>
<td>Transport Victoria</td>
<td>RISSB</td>
<td></td>
</tr>
</tbody>
</table>

This Standard was issued on two occasions for open review was independently validated before being signed off and the approvals were granted.

RISSB wish to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the committees and through the open review periods.

Keeping Standards up-to-date
Australian Standards developed by RISSB are living documents that reflect progress in science, technology and systems. To maintain their currency, all Standards are reviewed every five years, and new editions are published. Between editions, amendments may be issued. Australian Standards developed by RISSB may also be withdrawn. It is important that readers assure themselves they are using a current RISSB Standard, which should include any amendments that may have been published since the Standard was published. Information about Australian Standards to be developed by RISSB, drafts, amendments, and new projects can be found by visiting www.rissb.com.au

RISSB welcomes suggestions for improvements, and encourages readers to notify it immediately of any apparent inaccuracies or ambiguities. Contact us via email at rissb@rissb.com.au or write to Rail Industry Safety and Standards Board, PO Box 4608, Kingston, ACT 2604
AS 7664:2012

Railway Infrastructure Standard – Signalling Cable Routes, Cable Pits and Foundations

First published as AS 7664:2012

Copyright
RISSB
All rights are reserved. No part of this work may be replaced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of RISSB.
Published by Rail Industry Safety and Standards Board (RISSB) ABN: 5810-5001-465
P O Box 4608, Kingston, ACT, Australia 2604

ISBN 978-1-74342-337-0
### Railway Infrastructure Standard

**AS7664: Signalling Cable Routes, Cable Pits and Foundations**

<table>
<thead>
<tr>
<th>SECTION</th>
<th>CLAUSE</th>
<th>REQUIREMENTS</th>
<th>TYPE</th>
<th>HAZARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>INTRODUCTION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.1</td>
<td>Important Notice and Disclaimer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>This Rail Industry Safety &amp; Standards Board (RISSB) Australian Infrastructure Standard has been drafted for use by railway operators and the railway industry in Australia.</td>
<td>SUP</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>The Rail Industry Safety &amp; Standards Board and all persons acting for the Rail Industry Safety &amp; Standards Board in preparing the standard disclaim any liability or responsibility to any person for any consequences arising directly or indirectly from the use by the railway industry or railway organisations of the standard in whole or in part, and whether or not in conjunction with, as a supplement to, the standards which the railway industry currently use.</td>
<td>SUP</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Users of the standard should be aware that, while using the standard, they must also comply with any relevant Commonwealth, State or Territory legislation relevant to their operations.</td>
<td>SUP</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Adherence to the standard does not replace or exclude the application of such legislative requirements.</td>
<td>SUP</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Users are responsible for making their own enquiries in relation to the application of legislation, and the framers of the standard accept no responsibility in this regard.</td>
<td>SUP</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Adherence to the standard does not necessarily ensure compliance with any relevant national standards and codes of practice.</td>
<td>SUP</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Users are responsible for making their own enquiries in relation to compliance with national standards and codes of practice.</td>
<td>SUP</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>While all reasonable care has been taken in the preparation of this standard, it is provided to railway operators without any legal liability on the part of the Rail Industry Safety &amp; Standards Board and the Rail Industry Safety &amp; Standards Board [publisher, authors, consultants and editors each] takes no responsibility for loss suffered by any person resulting in any way from the use of, or reliance on, this publication.</td>
<td>SUP</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Responsibility rests with the railway organisation to ensure that application of any part of this standard is compatible with the infrastructure and other standards and practices of the organisation and produces a safe outcome.</td>
<td>SUP</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>© Rail Industry Safety &amp; Standards Board</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 1.2 Document Control

#### 1.2.1 Identification

1. Document Title: Signalling Cable Routes, Cable Pits and Foundations
2. Number: AS 7664
3. Version: 1 (First Publication)
4. Publication Date: 14 December 2012

#### 1.2.2 Preparation and Approval

1. Prepared by: GHD Pty Ltd
2. RISSB Development Group Approval Date: 27 November 2012 authorised L Wilson

#### 1.2.3 Distribution and Change

1. RISSB standards are subject to review at a period not exceeding five years from their date of publication.

#### 1.2.4 Document History

1. None

#### 1.2.5 Changes To Previous Version

1. None

#### 1.2.6 Previous Published Versions

1. None

### 1.3 Purpose

1. This standard sets out the minimum requirements for:
2. (a) Signalling Cable Routes, Cable Pits and for Foundations at signals, gantries, location cases, equipment rooms, telephones and ground frames;