Australian Standard™

Underground mining—Slope haulage—Couplings, drawbars, and safety chains



This Australian Standard was prepared by Committee ME-018, Mining Equipment. It was approved on behalf of the Council of Standards Australia on 9 May 2005. This Standard was published on 29 June 2005.

The following are represented on Committee ME-018:

Australasian Institute of Mining and Metallurgy
Australian Chamber of Commerce and Industry
Australian Coal Association
Australian Industry Group
Department of Industry and Resources WA
Department of Natural Resources and Mines (Qld)
Department of Primary Industries, Mine Safety (NSW)
Engineers Australia
South Australian Chamber of Mines and Energy

Additional Interests:

Department of Mineral Resources, New South Wales Mining Companies Mining Consultants Mining Equipment Manufacturers and Suppliers

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 Standards may also be withdrawn.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 Web Shop 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 Global Standard*, has a full listing of revisions and amendments published each month.

Australian Standards $^{\text{TM}}$ and other products and services developed by Standards Australia are published and distributed under contract by SAI Global, which operates the Standards Web Shop.

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.org.au, or write to the Chief Executive, Standards Australia, GPO Box 5420, Sydney, NSW 2001.

AS 3751—2005

Australian Standard™

Underground mining—Slope haulage—Couplings, drawbars, and safety chains

Originated as AS 3751—1990. Second edition 2005.

COPYRIGHT

© Standards Australia

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, GPO Box 5420, Sydney, NSW 2001, Australia ISBN 0 7337 6784 2

AS 3751—2005

PREFACE

This Standard was prepared by the Standards Australia Committee ME-018, Mining Equipment, to supersede AS 3751—1990.

The objective of this Standard is to facilitate the implementation and maintenance of functional and safe couplings, drawbars, and safety chains in underground mines and to facilitate clear communication in the trade and governance thereof.

In the preparation of Appendix B, cognizance was taken of British Coal document, *Design Guide for Cage Suspension*.

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 for information and guidance only.

CONTENTS

		Page
1	SCOPE	4
2	REFERENCED DOCUMENTS	4
3	DEFINITIONS	5
4	MATERIALS	6
5	DESIGN	7
6	MANUFACTURE	7
7	TESTING	8
8	TEST CERTIFICATES	9
9	MARKING	9
10	USAGE	10
11	INSPECTION AND MAINTENANCE	15
APPENI	DICES	
A	INSPECTION AND MAINTENANCE	16
В	RULING SECTION AND EQUIVALENT SECTION	18
C	DESIGN OF THREADED COMPONENTS	21
D	STEEL REQUIREMENTS FOR TYPE A COMPONENTS	24
E	PERMISSIBLE IMPERFECTIONS FOR MAGNETIC PARTICLE	
	INSPECTION	28



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

Product Page

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation