

Australian Standard™

Conveyors—Safety requirements



S t a n d a r d s Australia

This Australian Standard was prepared by Committee EL/23, Electrical Equipment in Coal Mines. It was approved on behalf of the Council of Standards Australia on 15 September 2000 and published on 6 November 2000.

The following interests are represented on Committee EL/23:

- Australian Conveyor Manufacturers Association
- Bureau of Steel Manufacturers of Australia
- Department of Employment Education and Training
- Department of Mineral Resources, N.S.W.
- Department of Training and Industrial Relations, Qld
- Metal Trades Industry Association of Australia
- Minerals Council of Australia
- National Safety Council of Australia
- Safety Institute of Australia
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- Testing interests
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AS 1755—2000

Australian Standard™

Conveyors— Safety requirements

Originated as AS C215—1971.
Previous edition AS 1755—1986.
Third edition 2000.

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

ISBN 0 7337 3588 6

PREFACE

This Standard is the result of consensus among representatives of the Standards Australia Committee SF/25, Guarding of Conveyors and Joint Standards Australia/Standards New Zealand Committee EL/23, Electrical Equipment in Coal Mines to prepare it as an Australian Standard. It supersedes AS 1755—1986, Conveyors—Design, construction, installation and operation—Safety requirements. It contains the safety measures to be implemented for the installation and operation of conveyors and conveyor systems, both above ground and underground and sets out the necessary personal protective measures against hazards experienced by operators of such plant.

The changes included in this Standard cover the general safety requirements for large and small conveyors and conveyor systems, and in particular the details for conveyor control and motor drive isolation. Technical and editorial amendments have been incorporated in line with available ISO documentation for mechanical handling equipment.

Major changes made in this edition include—

- (a) clarification that the Standard is applicable to both above ground and underground conveyor systems;
- (b) adding a Section dealing with requirements for specific applications, notably underground coal mines; and
- (c) adding, as an appendix, ergonomic data.

The term ‘normative’ has 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.

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