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Conveyors—Safety requirements

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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.

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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

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Australian Standard™

Conveyors— Safety requirements

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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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