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AS/NZS 3785.8:2016

Australian/New Zealand Standard™

Underground mining—Shaft equipment

Part 8: Conveyances for inclined shafts

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee ME-018, Mining Equipment. It was approved on behalf of the Council of Standards Australia on 16 August 2016 and by the New Zealand Standards Approval Board on 8 August 2016.
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The following are represented on Committee ME-018:

Australasian Institute of Mining and Metallurgy
Australian Chamber of Commerce and Industry
Australian Industry Group
Construction and Mining Equipment Industry Group
Department of Industry, Skills and Regional Development, NSW
Department of Mines and Petroleum, WA
Department of Natural Resources and Mines, Qld
Minerals Council of Australia
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Underground mining—Shaft equipment

Part 8: Conveyances for inclined shafts

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME-018, Mining Equipment, to supersede AS 3785.8—1994, *Underground mining—Shaft equipment*, Part 8: *Personnel conveyances in other than vertical shafts*.

The objective of this Standard is to specify general requirements for conveyances used in inclined shafts that do not exceed a gradient of one in three.

It is one of a series of Standards on shaft equipment for underground mines. The other Standards in the series are as follows:

AS(/NZS)		
3785	Underground mining—Shaft equipment	
3785.1	Part 1:	Shaft overwind safety catch system
3785.2	Part 2:	Shaft winding arresting systems
3785.3	Part 3:	Drum winding gripper systems
3785.4	Part 4:	Conveyances for vertical shafts
3785.5	Part 5:	Headframes
3785.6	Part 6:	Fixed guides, rope guides and rubbing ropes for conveyances
3785.7	Part 7:	Sheaves

The principal differences between this and the previous edition are as follows:

(a) Expansion of the scope to cover all types of conveyances.

(b) Introduction of functional safety principles in the design philosophy of conveyances.

(c) Introduction of commissioning the conveyance on site.

(d) Introduction of in-service brake testing of the emergency braking system.

(e) Introduction of maintenance of conveyances.

The term ‘normative’ has been used in this Standard to define the application of the appendix to which it applies. A ‘normative’ appendix is an integral part of a Standard.

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