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AS/NZS 3584.1:2005

Australian/New Zealand Standard™

Diesel engine systems for underground coal mines

Part 1: Fire protected—Heavy duty

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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 Coal Association
Bureau of Steel Manufacturers of Australia
Chamber of Minerals and Energy of Western Australia
Department of Infrastructure, Energy and Resources (Tasmania)
Department of Labour, New Zealand
Department of Mineral Resources, N.S.W.
Department of Minerals and Energy, W.A.
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME-018, Mining Equipment.

The objective of this Standard is to promote the safety of fire-protected diesel engine systems that are used underground in coal mines.

This Standard is one of the following series of the standards:

AS/NZS
3584 Diesel engine systems for underground coal mines
3584.1 Part 1: Fire protected (this Standard)
3584.2 Part 2: Explosion protected
3584.3 Part 3: Maintenance

This edition allows for the implementation of new technology in diesel engine systems, including the use of dry exhaust systems, limiting the emission of diesel aerosol particulates and generally reducing the emission of pollutants. This edition facilitates the use of electronically managed diesel engine systems. Its emphasis is to facilitate the implementation of new technology resulting in the increased operational safety of diesel engine systems.

Statements expressed in mandatory terms in notes to tables are deemed to be requirements of this Standard.

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 only for information and guidance.

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