

Australian/New Zealand Standard™

Electrical apparatus for explosive gas atmospheres

Part 1: Flameproof enclosures 'd'



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AS/NZS 60079.1:2002

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-014, Electrical Equipment in Hazardous Areas. It was approved on behalf of the Council of Standards Australia on 11 February 2002 and on behalf of the Council of Standards New Zealand on 19 February 2002. It was published on 11 March 2002.

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First published as AS/NZS 60079.1:2002.

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Jointly published by Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 4381 1

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-014, Electrical Equipment in Hazardous Areas.

This Standard is identical with and has been reproduced from IEC 60079-1:2001, *Electrical apparatus for explosive gas atmospheres*, Part 1: *Flameproof enclosures 'd'*, including Corrigendum 1:2001.

Footnotes were included in pages 11 and 12 to highlight minor corrections to the original text (identified by shading and *).

The objective of this Standard is to set out the requirements for the construction and testing of electrical apparatus with type of protection flameproof enclosures 'd', intended for use in explosive gas atmospheres.

This Standard is to be read in conjunction with AS/NZS 60079.0, the requirements of which apply to electrical apparatus with flameproof enclosures.

This Standard will run concurrently with AS 2380.2—1991, *Electrical equipment for explosive atmospheres—Explosion-protection techniques*, Part 2: *Flameproof enclosure d*, until the AS/NZS 60079 series is complete, at which time the AS 2380 series will be withdrawn.

This Standard will supersede AS 1828—1984 *Electrical equipment for explosive atmospheres - Cable glands*, two years from publication.

A reference to an International Standard identified in the Normative References Clause by strikethrough (~~example~~) is replaced by a reference to the Australian or Australian/New Zealand Standard(s) listed immediately thereafter and identified by shading (example).

As this Standard is reproduced from an International Standard a full point should be substituted for a comma when referring to a decimal marker.

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

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