

Australian/New Zealand Standard™

**Electrical apparatus for explosive gas
atmospheres**

Part 1: Flameproof enclosures 'd'



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NEW ZEALAND
Te Ara Raukōwhiri

AS/NZS 60079.1:2002

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Australian/New Zealand Standard™

Electrical apparatus for explosive gas atmospheres

Part 1: Flameproof enclosures 'd'

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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Part 2: *Flameproof enclosure d*, until the AS/NZS 60079 series is complete, at which time the AS 2380 series will be withdrawn.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.

CONTENTS

Clause	<i>Page</i>
1 Scope	1
2 Normative references.....	1
3 Definitions	2
4 Apparatus grouping and temperature classification	4
5 Flameproof joints	4
6 Cemented joints.....	13
7 Operating rods.....	13
8 Supplementary requirements for shafts and bearings.....	13
9 Light-transmitting parts	16
10 Breathing and draining devices which form part of a flameproof enclosure.....	16
11 Fasteners, associated holes and closing devices.....	21
12 Materials and mechanical strength of enclosures; materials inside the enclosures	23
13 Entries for flameproof enclosures	24
14 Verification and tests	26
15 Type tests.....	26
16 Routine tests	34
17 Switchgear for Group I.....	35
18 Lampholders and lampholders	36
19 Non-metallic enclosures and non-metallic parts of enclosures	37
 Annex A (normative) Additional requirements for crimped ribbon elements of breathing and draining devices	41
Annex B (normative) Additional requirements for elements, with non-measurable paths, of breathing and draining devices	42
Annex C (normative) Additional requirements for flameproof cable entries	44

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