

AS/NZS 60079.0:2000
IEC 60079-0:1998

AS/NZS 60079.0

Australian/New Zealand Standard™

Electrical apparatus for explosive gas atmospheres

Part 0: General requirements



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AS/NZS 60079.0:2000

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL/14, Electrical Equipment in Hazardous Areas. It was approved on behalf of the Council of Standards Australia on 15 March 2000 and on behalf of the Council of Standards New Zealand on 20 March 2000. It was published on 26 April 2000.

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First published as AS/NZS 60079.0:2000.

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Jointly published by Standards Australia International Ltd, PO Box 1055, Strathfield, NSW 2135 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 3344 1

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL/14, Electrical Equipment in Hazardous Areas.

This Standard is identical with and has been reproduced from IEC 60079-0:1998, *Electrical apparatus for explosive gas atmospheres*, Part 0: *General requirements*.

Footnotes have been incorporated into the original text of IEC 60079-0:1998 with the purpose of providing updated information on the specific items/aspects marked with *.

The objective of this Standard is to provide general requirements for the manufacturers, testing authorities and certification bodies concerned with electrical apparatus for explosive gas atmospheres.

This Standard will run concurrently with AS 2380.1 *Electrical equipment for explosive atmospheres—explosion-protection techniques*, Part 1: *General requirements*, until the AS/NZS 60079 series is complete at which time the AS 2380 series will be withdrawn.

In January 1997, the IEC commenced numbering its Standards from 60000 by adding 60000 to the number of each existing Standard. This coordinates IEC numbering with ISO numbering. During the transition period an IEC Standard might be identified by its new number or its old number (for example IEC 60050 or IEC 50).

A reference to an International Standard identified in the Normative References Clause by strikethrough (~~example~~) is replaced by a reference to the identical 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 terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the annex to which they apply. A normative annex is an integral part of a Standard, whereas an informative annex is only for information and guidance.

CONTENTS

	<i>Page</i>
Clause	
1 Scope.....	1
2 Normative references.....	2
3 Definitions and symbols.....	4
4 Apparatus grouping and temperature classification.....	7
5 Temperatures.....	7
6 Requirements for all electrical apparatus.....	9
7 Non-metallic enclosures and non-metallic parts of enclosures	9
8 Enclosures containing light metals.....	11
9 Fasteners	12
10 Interlocking devices	13
11 Bushings.....	14
12 Materials used for cementing	14
13 Ex components.....	14
14 Connection facilities and terminal compartments.....	15
15 Connection facilities for earthing or bonding conductors.....	15
16 Cable and conduit entries	16
17 Supplementary requirements for rotating electrical machines	17
18 Supplementary requirements for switchgear	18
19 Supplementary requirements for fuses	19
20 Supplementary requirements for plugs and sockets.....	19
21 Supplementary requirements for luminaires	20
22 Supplementary requirements for caplights, caplamps and handlamps.....	20
23 Type verifications and tests	21
24 Routine verifications and tests	28
25 Manufacturer's responsibility.....	28
26 Verifications and tests on modified or repaired electrical apparatus.....	28
27 Marking	29
Annexes	
A (informative) Subdivision of gases and vapours according to their maximum experimental safe gaps and minimum ignition currents.....	33
B (normative) Ex cable entries.....	41
C (normative) Clauses with which Ex components shall comply.....	47
D (informative) Example of rig for resistance to impact test.....	48

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