

Australian/New Zealand Standard™

Explosive atmospheres

Part 33: Equipment protection by special protection 's'



AS/NZS 60079.33:2012

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-014, Equipment for Explosive Atmospheres. It was approved on behalf of the Council of Standards Australia on 14 November 2012 and on behalf of the Council of Standards New Zealand on 29 October 2012. This Standard was published on 30 November 2012.

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This Standard was issued in draft form for comment as DR AS/NZS IEC 60079.33.

AS/NZS 60079.33:2012

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First published as AS/NZS 60079.33:2012.

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Jointly published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001 and by Standards New Zealand, Private Bag 2439, Wellington 6140

ISBN 978 1 74342 312 7

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-014, Equipment for Explosive Atmospheres.

The objective of this Standard is to provide requirements and the specific methodology for the assessment, testing and marking of electrical equipment, parts of electrical equipment and Ex components with special protection 's'.

This Standard is identical with, and has been reproduced from IEC 60079-33, Ed.1.0 (2012), *Explosive atmospheres: Part 33: Equipment protection by special protection 's'*.

As this Standard is reproduced from an International Standard, the following applies:

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(all parts)		(all parts)	
62061	Safety of machinery—Functional safety of safety-related electrical, electronic and programmable electronic control systems	62061	Safety of machinery—Functional safety of safety-related electrical, electronic and programmable electronic control systems
IEC		AS IEC	
61511	Functional safety—Safety instrumented systems for the process industry sector	61511	Functional safety—Safety instrumented systems for the process industry sector
(all parts)		(all parts)	
IEC		AS/NZS	
60079	Explosive atmospheres	60079	Explosive atmospheres
60079-0	Part 0: Equipment—General requirements	60079.0	Part 0: Equipment—General requirements
60079-29-1	Part 29-1: Gas detectors—Performance requirements of detectors for flammable gases	60079.29.1	Part 29.1: Gas detectors—Performance requirements of detectors for flammable gases
60079-29-2	Part 29-2: Gas detectors—Selection, installation, use and maintenance of detectors for flammable gases and oxygen	60079.29.2	Part 29.2: Gas detectors—Selection, installation, use and maintenance of detectors for flammable gases and oxygen

The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

CONTENTS

1	Scope	9
2	Normative references	9
3	Terms and definitions	10
4	General	11
4.1	Application	11
4.2	Equipment group and temperature classification.....	11
4.3	Level of protection (equipment protection level (EPL)).....	11
4.4	Manufacturer's justification	12
4.5	Verification	12
5	Independent verifier.....	12
5.1	General	12
5.2	Competence	12
5.3	Duties.....	13
5.4	Acceptance	13
5.5	Independence.....	13
6	Design and construction	13
6.1	Principles of an integrated approach to explosion safety	13
6.2	Design and construction	14
6.3	Overloading of equipment.....	14
6.4	Potential ignition sources	14
6.4.1	Hazards arising from different ignition sources	14
6.4.2	Hazards arising from overheating	14
6.4.3	Hazards arising from pressure compensation operations	14
6.5	Requirements in respect of safety-related devices.....	14
7	Application of equipment protection levels (EPL)	15
7.1	Equipment with EPL Ma	15
7.2	Equipment with EPL Mb	15
7.3	Equipment with EPL Ga.....	16
7.4	Equipment with EPL Gb.....	17
7.5	Equipment with EPL Gc.....	17
7.6	Equipment with EPL Da.....	17
7.7	Equipment with EPL Db.....	18
7.8	Equipment with EPL Dc.....	18
8	Preparation of assessment and test specification	18
8.1	General	18
8.2	Assessment and test specification.....	19
8.3	Assessment and testing.....	19
8.4	Reporting results of the assessment and test specification.....	19
9	Ignition hazard assessment	19
9.1	General	19
9.2	Protective measures.....	19
9.3	Explanation of the ignition hazard assessment procedure.....	20
9.4	Examples of ignition hazard assessment	20
10	Application of special protection "s"	20

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