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AS/NZS 60079.30.2:2016
IEC/IEEE 60079-30-2, Ed. 1.0 (2015)

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Australian/New Zealand Standard™

Explosive atmospheres

Part 30.2: Electrical resistance trace heating—Application guide for design, installation and maintenance

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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 29 April 2016 and by the New Zealand Standards Approval Board on 20 April 2016.
This Standard was published on 18 May 2016.

The following are represented on Committee EL-014:

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This Standard was issued in draft form for comment as DR AS/NZS 60079.30.2:2015.

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Australian/New Zealand Standard™

Explosive atmospheres

Part 30.2: Electrical resistance trace heating—Application guide for design, installation and maintenance

Originated as AS/NZS 62086.2:2002.
Previous edition revised and redesignated as AS/NZS 60079.30.2:2007.
Second edition 2016.

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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, PO Box 10729, Wellington 6011.

ISBN 978 1 76035 484 8

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee, EL-014, Equipment for Explosive Atmospheres, to supersede AS/NZS 60079.30.2:2007 *Explosive atmospheres,* Part 30.2: *Electrical resistance trace heating—Application guide for design, installation and maintenance (IEC 60079-30-2, Ed. 1.0 (2007) MOD)*.

The objective of this Standard is to provide guidance for the application of electrical resistance trace heating systems in areas where explosive gas atmospheres may be present, with the exception of those classified as requiring EPL Ga/Da (traditional relationship to Zone 0 and Zone 20 respectively).

The objective of this revision is to adopt the current edition of IEC/IEEE 60079-30-2.

This Standard is identical with, and has been reproduced from, IEC/IEEE 60079-30-2, Ed. 1.0 (2015), *Explosive atmospheres*, Part 30-2: *Electrical resistance trace heating—Application guide for design, installation and maintenance*.

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

(a) In the source text 'this part of IEC 60079' should read 'this Australian/New Zealand standard'.

(b) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		*Australian/New Zealand Standard*	
IEC		AS/NZS	
60079	Explosive atmospheres	60079	Explosive atmospheres
60079-0	Part 0: Equipment—General requirements	60079.0	Part 0: Equipment—General requirements
60079-15	Part 15: Equipment protection by type of protection "n"	60079.15	Part 15: Equipment protection by type of protection 'n'
IEC/IEEE			
60079	Explosive atmospheres	60079	Explosive atmospheres
60079-30-1	Part 30-1: Electrical resistance trace heating—General and testing requirements	60079.30.1	Part 30.1: Electrical resistance trace heating—General and testing requirements

Only normative references that have been adopted as Australian or Australian/New Zealand Standards have been listed.

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

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