

Australian/New Zealand Standard™

Explosive atmospheres

Part 30.1: Electrical resistance trace heating—General and testing requirements



AS/NZS 60079.30.1:2007

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 19 February 2007 and on behalf of the Council of Standards New Zealand on 6 April 2007. This Standard was published on 26 April 2007.

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AS/NZS 60079.30.1:2007

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Part 30.1: Electrical resistance trace heating—General and testing requirements

Originated as AS/NZS 62086.1:2002.
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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 62086.1:2002 and Amendment No.1 (2003).

The objective of this Standard is to specify general and testing requirements for electrical resistance trace heaters for applications in explosive gas atmospheres.

This Standard is identical with, and has been reproduced from IEC 60079-30-1, Ed.1.0 (2007), *Explosive atmospheres – Part 30-1: Electrical resistance trace heating – General and testing requirements*.

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**).

This Standard is part of a series covering electrical resistance trace heating for use in explosive gas atmospheres which comprises the following:

AS/NZS

60079 Explosive atmospheres

60079.30.1 Part 30.1: Electrical resistance trace heating—General and testing requirements
(this Standard)

60079.30.2 Part 30.2: Electrical resistance trace heating—Application guide for design,
installation and maintenance

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

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