AS/NZS 60079.30.1:2007 IEC 60079-30-1, Ed.1.0 (2007)

Australian/New Zealand Standard<sup>™</sup>

## **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.

The following are represented on Committee EL-014:

Association of Consulting Engineers Australia Auckland Regional Chamber of Commerce Australian Chamber of Commerce and Industry Australian Electrical and Electronic Manufacturers Association Australian Industry Group Australian Institute of Petroleum Ltd Australian Petroleum Production and Exploration Association Committee EL-023 Electrical Compliance Testing Association **Electrical Regulatory Authorities Council Energy Networks Association Engineers** Australia Environmental Risk Management Authority of New Zealand Institute of Electrical Inspectors Institute of Instrumentation, Control and Automation Australia Mining Electrical and Mining Mechanical Engineering Society Ministry of Economic Development (New Zealand) NSW Department of Primary Industries, Mineral Resources National Electrical and Communications Association New Zealand Association of Marine, Aviation and Power Engineers New Zealand Employers and Manufacturers Association Simtars (Natural Resources, Mines and Water) WorkCover New South Wales

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This Standard was issued in draft form for comment as DR 07068.

## Australian/New Zealand Standard<sup>™</sup>

## **Explosive atmospheres**

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

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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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