

AS/NZS 60079.30.2:2007

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Australian/New Zealand Standard™

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)**



AS/NZS 60079.30.2:2007

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 2006 and on behalf of the Council of Standards New Zealand on 6 April 2007.
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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)

Originated as AS/NZS 62086.2:2002.

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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 62086.2:2002.

The objective of this Standard is to provide guidance for the application of electrical resistance heating systems in areas where explosive gas atmospheres may be present; it also provides guidance for the design, installation and maintenance of trace heating equipment and associated control and monitoring equipment.

This Standard is a modified version of IEC 60079-30-2, Ed.1.0 (2007), *Explosive atmospheres – Part 30-2: Electrical resistance trace heating – Application guide for design, installation and maintenance*. It has been varied, as indicated, for protection of human health and safety, a certificate reason under the WTO Agreement on Technical Barriers to Trade (TBT).

Variations to IEC 60079-30-2 are indicated at the appropriate places throughout this Standard.

Variations to IEC 60079-30-2, Ed.1.0 (2007) are indicated at the appropriate places throughout this standard. Strikethrough (**example**) identifies IEC text, tables and figures which, for the purposes of this Australian/New Zealand Standard, are deleted. Where text, tables or figures are added, each is set in its proper place and identified by shading (**example**). Added figures are not themselves shaded, but are identified by a shaded border.

Annex ZZ contains a summary of all variations and their respective explanations.

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

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

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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