

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. This Standard was published on 26 April 2007.

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This Standard was issued in draft form for comment as DR 07069.

AS/NZS 60079.30.2:2007

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**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.
Revised and redesignated as AS/NZS 60079.30.2:2007.

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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.

CONTENTS

	<i>Page</i>
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Application considerations	2
4.1 General.....	2
4.2 Corrosive areas	3
4.3 Process temperature accuracy	3
4.4 Installation considerations.....	3
5 Thermal insulation.....	4
5.1 General.....	4
5.2 Selection of insulating material	4
5.3 Selection of weather barrier (cladding).....	5
5.4 Selection of economical thickness.....	6
5.5 Double insulation	7
6 System design	8
6.1 Introduction.....	8
6.2 Purpose of, and major requirement for, trace heating.....	8
6.3 Heat loss calculations	8
6.4 Heat-up considerations	10
6.5 Heat-loss design safety factor.....	11
6.6 Selection of trace heater	11
6.7 Maximum temperature determination	15
6.8 Design information	18
6.9 Power system	19
6.10 Start-up at low ambient temperatures.....	19
6.11 Long trace heater runs.....	19
6.12 Flow pattern analysis	19
6.13 Dead-leg control technique	21
6.14 Chimney effect.....	21
7 Control and monitoring	22
7.1 General.....	22
7.2 Mechanical controllers	22
7.3 Electronic controllers	22
7.4 Application suitability	22
7.5 Location of controllers.....	23
7.6 Location of sensors.....	23
7.7 Alarm considerations	24

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