

AS/NZS 60079.25:2004
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AS/NZS 60079.25

Australian/New Zealand Standard™

Electrical apparatus for explosive gas atmospheres

Part 25: Intrinsically safe systems

AS/NZS 60079.25:2004

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-014, Electrical Equipment in Hazardous Areas. It was approved on behalf of the Council of Standards Australia on 24 November 2003 and on behalf of the Council of Standards New Zealand on 27 November 2003. It was published on 27 January 2004.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-014, Electrical Equipment in Hazardous Areas.

The objective of this Standard is to set out the specific requirements for construction and assessment of intrinsically safe electrical systems, type of protection ‘i’, intended for use, as a whole or in part, in explosive atmospheres in Group II locations.

This Standard is identical with, and has been reproduced from, IEC 60079-25:2003, *Electrical apparatus for explosive gas atmospheres – Part 25: Intrinsically safe systems*.

Footnotes have been added to the original text of IEC 60079-25:2003, under C.4, to provide clarification on the specific items/aspects marked with * and [†].

Variations to IEC 60079-25:2003 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.

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