

Explosive atmospheres
Part 29.1: Gas detectors — Performance requirements of detectors for flammable gases

Amendment No. 1

International adoption identical

Publishing and Approval Dates

Council of Standards Australia Approval: 4 February 2022

New Zealand Standards Approval Board Approval: 2 February 2022

Published: 18 February 2022

Summary

This Amendment applies to the following elements:

- Front cover
- Preface
- Amendment 1

Amendment details

AS/NZS 60079.29.1:2017 is amended as follows. The amendments should be inserted in the locations as instructed.

Element	Instruction/New text
Front cover	After “IEC 60079-29-1:2016”, <i>add</i> the following: IEC 60079-29-1:2016/AMD1:2020 (Incorporating Amendment No. 1)
Preface	<i>Delete</i> third paragraph and <i>replace</i> with the following: This Standard is identical with, and has been reproduced from, IEC 60079-29-1:2016, <i>Explosive atmospheres – Part 29-1: Gas detectors – Performance requirements of detectors for flammable gases</i> and its Amendment No. 1 (2020) which has been added at the end of the source text.
Amd 1 (new)	After the Bibliography, <i>add</i> the following Amendment 1 (2020):

FOREWORD

This amendment has been prepared by IEC technical committee 31 Equipment for explosive atmospheres

The text of this amendment is based on the following documents:

FDIS	Report on voting
31/1525/FDIS	31/1533/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

IMPORTANT – The 'colour inside' logo on the cover page of this publication indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this document using a colour printer.

5.2.2.1 General

Replace the existing text of 5.2.2.1 with the following new text:

For the purposes of type testing, all applicable tests shall be carried out on the same sample except a separate sample may be used for the tests of 5.4.4.3 to 5.4.4.6, and 5.4.16, a separate sample may be used for the test of 5.4.20, and a separate sample may be used for the test of 5.4.21.

If a test sample ceases to function during the test sequence, then mutual agreement shall be reached between the test laboratory and the manufacturer as to which tests have to be repeated with a replacement sample. The decision and its justification shall be described in the test report.