



**BSI Standards Publication**

# **Explosive atmospheres**

Part 29-4: Gas detectors —  
Performance requirements of open  
path detectors for flammable gases

### National foreword

This British Standard is the UK implementation of EN 60079-29-4:2010. It is identical to IEC 60079-29-4:2009, incorporating corrigendum August 2010. It supersedes BS EN 50241-1:1999 and BS EN 50241-2:1999, which are withdrawn.

The CENELEC common modifications have been implemented at the appropriate places in the text. The start and finish of each common modification is indicated in the text by tags **[C]** **[C]**.

The UK participation in its preparation was entrusted by Technical Committee GEL/31, Equipment for explosive atmospheres, to Subcommittee GEL/31/19, Gas detectors.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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**Compliance with a British Standard cannot confer immunity from legal obligations.**

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 July 2010.

### Amendments/corrigenda issued since publication

| Date         | Text affected                                                                  |
|--------------|--------------------------------------------------------------------------------|
| 31 July 2011 | Implementation of IEC corrigendum August 2010: modification to clause 5.2.4.3. |