



BSI Standards Publication

Explosive atmospheres

Part 1: Equipment protection by flameproof enclosures "d"

National foreword

This British Standard is the UK implementation of EN 60079-1:2014. It is identical to IEC 60079-1:2014, incorporating corrigendum June 2018. It supersedes BS EN 60079-1:2007, which is withdrawn.

BSI, as a member of CENELEC, is obliged to publish EN 60079-1 as a British Standard. However, attention is drawn to the fact that during the development of this European Standard, the UK voted against its approval as a European Standard. The reason for this disapproval was that the pass criteria for the test relating to cemented joints in Subclause 6.1.2 is considered to be not as robust when compared with the previously published edition.

Other National Standard Bodies have also recorded a negative vote on the document citing the identical concern in the difference between the 2007 edition and the 2014 edition. Many manufacturers had no difficulty in complying with the previous requirement when choosing appropriate cements and the UK committee did not see any justification for revising the requirement.

The UK participation in its preparation was entrusted to Technical Committee EXL/31, Equipment for explosive atmospheres.

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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Published by BSI Standards Limited 2018

ISBN 978 0 539 01724 3

ICS 13.230; 29.260.20

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 October 2014.

Amendments/corrigenda issued since publication

Date	Text affected
30 September 2018	Implementation of IEC corrigendum June 2018: Clause C.2.3.3 amended