

BS EN 13463-5:2011



BSI Standards Publication

Non-electrical equipment intended for use in potentially explosive atmospheres

Part 5: Protection by constructional safety
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National foreword

This British Standard is the UK implementation of EN 13463-5:2011. It supersedes BS EN 13463-5:2003 which is withdrawn.

BSI, as a member of CEN, is obliged to publish EN 13463-5:2011 as a British Standard. However, attention is drawn to the fact that during the development of this European Standard, the UK committee voted against its approval as a European Standard.

The UK committee objected to the method of measurement for transmission belt conductivity as described in Annex B, Clause 3. Current UK practice in belt conductivity measurement is found in BS 3790, which was derived in part from ISO 1813. The UK committee recommends consulting these standards, as well as ISO 9563, as informative texts with respect to belt drives.

The CEN Working Group responsible for the development of this standard was not presented with any theoretical or practical basis for rejecting the ISO standards. The Working Group was not made aware of any experience of ignitions of explosive atmospheres caused by equipment made to the ISO standards.

However, users should be aware that EN 13463-5 is a mandated standard under the ATEX Directive and compliance with it therefore offers a presumption of conformity that does not apply to the ISO standards referred to above.

The UK participation in its preparation was entrusted to Technical Committee EXL/23, Explosion and fire precautions in industrial and chemical plant.

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.

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Amendments issued since publication

Date	Text affected
31 March 2012	Correction of national forward