

Electrical apparatus for use in the presence of combustible dust —

Part 2: Test methods —

Section 2.2 Method for determining the electrical resistivity of dust in layers

The European Standard EN 61241-2-2:1995 has the status of a
British Standard

ICS 29.260.20

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee GEL/31, Electrical apparatus for explosive atmospheres, upon which the following bodies were represented:

- Association of British Mining Equipment Companies
- British Cables Makers Confederation
- British Electrical Systems Association (BEAMA Ltd.)
- British Gas plc
- British Lighting Association for the Preparation of Standards (Britlaps)
- Council for Electrical Equipment for Flammable Atmospheres (BEAMA Ltd.)
- Department of Trade and Industry (Standards Policy Unit)
- ERA Technology Ltd.
- Electric Trace Heating Industrial Council (Ethic)
- Electrical Contractors Association
- Electroheat Manufacturers' Association of BEAMA (EMAB)
- Energy Industries Council
- Engineering Equipment and Materials Users' Association
- GAMBICA (BEAMA Ltd.)
- Gland Manufacturers Technical Committee
- Health and Safety Executive
- Institute of Petroleum
- Lighting Industry Federation Ltd.
- Loss Prevention Council
- Marine Safety Agency
- Ministry of Defence
- National Inspection Council for Electrical Installation Contracting
- Rotating Electrical Machines Association (BEAMA Ltd.)
- Sira Limited
- Trades Union Congress
- United Kingdom Offshore Operators Association

The following body was also represented in the drafting of the standard, through sub-committees and panels:

Department of the Environment (Building Research Establishment)

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board, was published under the authority of the Standards Board and comes into effect on 15 March 1996

© BSI 10-1999

The following BSI references relate to the work on this standard:
Committee reference GEL/31
Draft for comment 90/32582 DC

ISBN 0 580 25239 6

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	2
Introduction	3
1 Scope	3
2 Normative references	3
3 Definitions	3
4 Test apparatus	3
5 Test sample	4
6 Procedure	4
7 Test report	4
Annex ZA (normative) Normative references to international publications with their corresponding European publications	6
Figure 1 — Test cell	5
Figure 2 — Circuit diagram	5
List of references	Inside back cover

National foreword

This British Standard has been prepared by Technical Committee GEL/31 and is the English language version of EN 61241-2-2:1995 *Electrical apparatus for use in the presence of combustible dust — Part 2: Test methods Section 2: Method for determining the electrical resistivity of dust in layers* published by the European Committee for Electrotechnical Standardization (CENELEC).

It is identical with IEC 1241-2-2:1993 incorporating corrigendum May 1994, published by the International Electrotechnical Commission (IEC), except that in EN 61241-1-1 “technical report” has been replaced by “standard” throughout the text.

Cross-reference

Publication referred to	Corresponding British Standard
ISO 4225:1980 ^a	BS 6069 <i>Characterization of air quality</i> Part 2:1994 <i>Glossary</i>

^a ISO 4225:1980 has been superseded by ISO 4225:1994.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.