

Explosion protection systems —

Part 1: Method for determination of explosion indices of combustible dusts in air

[ISO title: Explosion protection systems — Determination of
explosion indices of combustible dusts in air]

The European Standard EN 26184-1:1991 has the status of a
British Standard

UDC 614.835:614.833.5

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Fire Standard Committee (FSM/-) to Technical Committee FSM/13 upon which the following bodies were represented:

- Association of Metropolitan Authorities
- British Automatic Sprinkler Association
- British Coal
- British Fire Protection Systems Association Limited
- British Fire Services Association
- British Gas Corporation
- British Nuclear Fuels Limited
- Chief and Assistant Chief Fire Officers' Association
- Confederation of British Industry
- Crown Suppliers
- Department of Health and Social Security
- Department of the Environment (Building Research Establishment) (Fire Research Station)
- Department of the Environment (Property Services Agency)
- Department of Transport (Marine Directorate)
- Electricity Supply Industry in England and Wales
- Engineering Equipment and Materials Users' Association
- Fire Extinguishing Trades Association
- Fire Insurers' Research and Testing Organisation (FIRTO)
- Fire Offices Committee
- Fire Protection Association
- Health and Safety Executive
- Hevac Association
- Home Office
- Incorporated Association of Architects and Surveyors
- Institute of Petroleum
- Institution of Fire Engineers
- Institution of Gas Engineers
- Ministry of Defence
- Royal Institute of British Architects
- Society of Fire Protection Engineers
- Society of Motor Manufacturers and Traders Limited
- United Kingdom Atomic Energy Authority

This British Standard, having been prepared under the direction of the Fire Standards Committee, was published under the authority of the Board of BSI and comes into effect on 31 October 1986

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Amendments issued since publication

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National foreword

This Part of BS 6713 has been prepared under the direction of the Fire Standards Committee and is one of a series currently being prepared, both nationally and internationally, covering explosion protection systems. It is identical with ISO 6184-1:1985, published by the International Organization for Standardization (ISO) and prepared by ISO/TC 21, Equipment for fire protection and fire fighting, with the active participation of the UK.

In 1990 the European Committee for Standardization (CEN) accepted ISO 6184-1:1985 as European Standard EN 26184-1:1991.

Terminology and conventions. The text of the international standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words “this part of ISO 6184” appear they should be read as “this Part of BS 6713”.

In British Standards it is current practice to use the symbol “L” for litre rather than “l”.

Cross-references

International standards	Corresponding British Standards
	BS 6713 <i>Explosion protection systems</i>
ISO 6184-2:1985	Part 2:1986 <i>Method for determination of explosion indices of combustible gases in air</i> (Identical)
ISO 6184-3:1985	Part 3:1986 <i>Method for determination of explosion indices of fuel/air mixtures other than dust/air and gas/air mixtures</i> (Identical)
ISO 6184-4:1985	Part 4:1986 <i>Method for determination of efficacy of explosion suppression systems</i> (Identical)

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.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 8, 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.

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Descriptors: Explosions, explosion proofing, dust, tests, explosion index

English version

Explosion protection systems — Part 1: Determination of explosion indices of combustible dusts in air

(ISO 6184-1:1985)

Systèmes de protection contre les explosions —
Partie 1: Détermination des indices d'explosion
des poussières combustibles dans l'air
(ISO 6184-1:1985)

Explosions-Schutzsysteme —
Teil 1: Bestimmung der Explosionskenngrößen
von brennbaren Stäuben in Luft
(ISO 6184-1:1985)

This European Standard was approved by CEN on 1990-10-05. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CEN

European Committee for Standardization
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Europäisches Komitee für Normung

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