

Fire protection — Fire extinguishing media — Carbon dioxide

The European Standard EN 25923:1993 has the status of a
British Standard

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Fire Standards Policy Committee (FSM/-) to Technical Committee FSM/15, upon which the following bodies were represented:

- British Fire Protection Systems Association Ltd
- Chemical Industries Association
- Chief and Assistant Chief Fire Officers' Association
- Department of the Environment (Property Services Agency)
- Engineering Equipment and Materials Users' Association
- Fire Extinguishing Trades Association
- Home Office
- Institute of Petroleum
- Institution of Fire Engineers
- London Fire and Civil Defence Authority
- Loss Prevention Council
- Ministry of Defence
- Society of Fire Protection Engineers

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

- Department of Health
- Department of Transport (Marine Directorate)
- Fire Industry Council

This British Standard, having been prepared under the direction of the Fire Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 31 October 1990

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The following BSI references relate to the work on this standard:
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Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	2
1 Scope	3
2 Normative references	3
3 Definition	3
4 Requirements	3
5 Sampling	3
6 Methods of test	4
7 Packaging and labelling	4
Annex A (normative) Determination of water content	5
Annex B (normative) Determination of oil content	5
Annex C (normative) Determination of total sulfur compounds content	8
Annex D (informative) General properties	9
Annex E (informative) Safety precautions for handling	10
Annex F (informative) Compatibility	10
Annex G (informative) Toxicology	10
Figure B.1 — Bubbler for the determination of oil content	7
Figure C.1 — Apparatus for the determination of total sulfur compounds content	9
Table 1 — Requirements	3
Table D.1 — Physical properties of carbon dioxide	9
Publication(s) referred to	Inside back cover

National foreword

This Part of BS 6535 has been prepared under the direction of the Fire Standards Policy Committee and is one of a series currently being prepared, both nationally and internationally, covering fire extinguishing media. It is identical with ISO 5923:1989 “*Fire protection — Fire extinguishing media — Carbon dioxide*”, published by the International Organization for Standardization (ISO).

In 1993 the European Committee for Standardization (CEN) accepted ISO 5923:1989 as European Standard EN 25923:1993. As a consequence of implementing the European Standard this British Standard is renumbered as BS EN 25923 and any reference to BS 6535-1 should be read as a reference to BS EN 25923.

It is a new edition, containing only editorial and other corrections, to BS 6535-1:1984, which was identical with ISO 5923:1984. This edition supersedes BS 6535-1:1984 which is withdrawn.

Cross-references

International Standard	Corresponding British Standard
ISO 2591-1:1988	BS 1796 <i>Test sieving</i> Part 1:1989 <i>Methods of using test sieves of woven wire cloth and perforated metal plate</i> (Identical)

The Technical Committee has reviewed the provisions of ISO 385-1, ISO 385-2, ISO 648, ISO 3310-1 and ISO 4705 to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

Marking. With reference to 7.2 d), containers may, alternatively, be marked with the number of this British Standard, i.e. BS 6535-1:1990¹⁾.

The International Standard has a foreword which is as follows.

“This International Standard is one of a series giving specifications for fire extinguishing media in common use and which are in need of specification for fire fighting purposes. These specifications are designed to establish that the medium in question has at least a minimum useful fire extinguishing capability and can therefore be reasonably sold for fire extinguishing purposes.

Requirements for media used in particular equipment will form the subject of future International Standards.

Annex A to Annex C of this International Standard specify methods for determining, respectively, water, oil and total sulfur compounds contents.

Annex D to Annex G provide important information on, and give recommendations relating to, the safety and use of carbon dioxide, and they should be read carefully by all concerned with this medium.”

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 10, 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.

¹⁾ Marking BS 6535-1:1990 on or in relation to a product represents a manufacturer’s declaration of conformity, i.e. a claim by or on behalf of the manufacturer that the product meets the requirements of the standard. The accuracy of the claim is therefore solely the responsibility of the person making the claim. Such a declaration is not to be confused with third party certification of conformity, which may also be desirable.

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English version

Fire protection — Fire extinguishing media — Carbon dioxide

(ISO 5923:1989)

Protection contre l'incendie — Agents
extincteurs — Dioxyde de carbone
(ISO 5923:1989)

Brandbekämpfung — Löschmittel —
Kohlendioxid
(ISO 5923:1989)

This European Standard was approved by CEN on 1993-11-02. 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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