

Transportable gas cylinders — Gases and gas mixtures

Part 2. Determination of flammability and oxidizing ability of gases and gas mixtures

The European Standard EN 720-2 : 1996 has the status of a
British Standard

ICS 71.100.20; 75.160.30

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee PVE/3, Gas containers, upon which the following bodies were represented:

- Aluminium Extruders' Association
- Aluminium Federation
- British Compressed Gases Association
- British Fire Consortium
- British Gas plc
- British Iron and Steel Producers' Association
- British Soft Drinks Association Ltd.
- Engineering Equipment and Materials Users' Association
- Fire Extinguishing Trades Association
- Health and Safety Executive
- Home Office
- Institution of Chemical Engineers
- LP Gas Association
- Marine Safety Agency
- Ministry of Defence
- National Engineering Laboratory
- National Physical Laboratory
- Safety Assessment Federation Ltd.
- Safety Equipment Association
- Tube Investments Chesterfield Tube Co. Ltd.
- Tubes Investments Limited

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

- British Association of Breathing Apparatus Service Engineers
- Department of Health

This British Standard, having been prepared under the direction of the Engineering Sector Board, was published under the authority of the Standards Board and comes into effect on 15 March 1997

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Amendments issued since publication

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

This British Standard has been prepared by Technical Committee PVE/3 and is the English language version of EN 720-2 : 1996 *Transportable gas cylinders — Gases and gas mixtures Part 2. Determination of flammability and oxidizing ability of gases and gas mixtures* published by the European Committee for Standardization (CEN).

EN 720-2 was produced as a result of international discussions in which the United Kingdom took an active part.

There has previously been no British Standard directly equivalent to this standard.

Cross-reference

International Standard	Corresponding British Standard
	BS 2782 <i>Methods of testing plastics</i> Part 1 <i>Thermal properties</i>
ISO 4589	Method 141 : 1986 <i>Determination of flammability of oxygen index</i>

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 14, an inside back cover and a back cover.

ICS 71.100.20; 75.160.30

Descriptors: Gas, gas mixtures, flammable gases, classifications, flammability testing, oxidation tests, computation, flammability, toxicity, tables (data)

English version

Transportable gas cylinders — Gases and gas mixtures Part 2: Determination of flammability and oxidizing ability of gases and gas mixtures

Bouteilles à gaz transportables — Gaz et mélanges
de gaz — Partie 2: Détermination du potentiel
d'inflammabilité et d'oxydation des gaz et mélanges
de gaz

Ortsbewegliche Gasflaschen — Gase und
Gasgemische — Teil 2: Bestimmung der
Brennbarkeit und des Oxidationsvermögens von
Gasen und Gasgemischen

This European Standard was approved by CEN on 1996-02-10. 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
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 23, Transportable gas cylinders, the secretariat of which is held by BSI.

This European Standard is a two Part standard, belonging to a series of standards relating to gases and gas mixtures:

Part 1. *Properties of single component gases;*

Part 2. *Determination of flammability and oxidizing ability of gases and gas mixtures.*

ISO Standard ISO 10156 was used as a base document.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 1997, and conflicting national standards shall be withdrawn at the latest by January 1997.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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