

Gas welding equipment — Pressure regulators for gas cylinders used in welding, cutting and allied processes up to 300 bar

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National foreword

This British Standard is the English language version of EN ISO 2503:1998, including corrigendum December 1998. It is identical with ISO 2503:1998. It supersedes BS 7650:1993 and BS EN 585:1995 which are withdrawn.

The UK participation in its preparation was entrusted to Technical Committee WEE/18, Gas welding and cutting appliances, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

Attention is drawn to the fact that CEN and CENELEC standards normally include an annex which lists normative references to international publications with their corresponding European publications. The British Standards which implement these international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN ISO title page, page 2, the ISO title page, pages ii to iv, pages 1 to 14, an inside back cover and a back cover.

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Amendments issued since publication

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10464 Corr No. 1	April 2000	Replaces EN foreword and adds Annex ZA.

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English version

Gas welding equipment — Pressure regulators for gas cylinders used in welding, cutting and allied processes up to 300 bar

(ISO 2503:1998)

Matériel de soudage aux gaz — Détendeurs
pour bouteilles de gaz utilisés pour le soudage,
le coupage et les techniques connexes
jusqu'à 300 bar
(ISO 2503:1998)

This European Standard was approved by CEN on 4 March 1998.

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.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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

Foreword

The text of the International Standard ISO 2503:1998 has been prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, in collaboration with Technical Committee CEN/TC 121, *Welding*, the Secretariat of which is held by DS.

This European Standard supersedes EN 585:1994.

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 October 1998, and conflicting national standards shall be withdrawn at the latest by October 1998.

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

This standard does not invalidate previous conformity checks to the requirements of EN 585:1994 for pressure regulators. All pressure regulators developed in accordance with EN 585:1994 should be considered to satisfy the requirements of EN ISO 2503 and should be marked with EN ISO 2503:1998.

Users of this standard should be aware that at the present time no European Standards for cylinder connections exist. For safety reasons only cylinder connections which conform to recognized National or International Standards should be used.

Endorsement notice

The text of the International Standard ISO 2503:1998 was approved by CEN as a European Standard without any modification.

NOTE Normative references to International Standards are listed in Annex ZA (normative).

INTERNATIONAL STANDARD

ISO 2503

Second edition
1998-04-01

Gas welding equipment — Pressure regulators for gas cylinders used in welding, cutting and allied processes up to 300 bar

*Matériel de soudage au gaz — Détendeurs pour bouteilles de gaz utilisés
pour le soudage, le coupage et les techniques connexes jusqu'à 300 bar*



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Descriptors: Welding, gas welding, gas cutting, welding equipment, gas cylinders, pressure regulators, specifications, manufacturing requirements, characteristics, tests, type testing (tests), marking.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 2503, was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 8, *Equipment for gas welding, cutting and allied processing*.

This second edition cancels and replaces the first edition (ISO 2503:1983), which has been technically revised.

