

BS EN ISO 11114-3:2010



BSI Standards Publication

Gas cylinders — Compatibility of cylinder and valve materials with gas contents

Part 3: Autogenous ignition test for non-metallic materials in oxygen atmosphere (ISO 11114-3:2010)

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National foreword

This British Standard is the UK implementation of EN ISO 11114-3:2010. It supersedes BS EN ISO 11114-3:1998 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PVE/3, Gas containers.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments issued since publication

Date	Text affected
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English Version

Gas cylinders - Compatibility of cylinder and valve materials with
gas contents - Part 3: Autogenous ignition test for non-metallic
materials in oxygen atmosphere (ISO 11114-3:2010)

Bouteilles à gaz - Compatibilité des matériaux de bouteilles
et de robinets avec les contenus gazeux - Partie 3: Essai
d'auto-inflammation des matériaux non métalliques sous
atmosphère d'oxygène (ISO 11114-3:2010)

Ortsbewegliche Gasflaschen - Verträglichkeit von
Flaschen- und Ventilwerkstoffen mit den in Berührung
kommenden Gasen - Teil 3: Prüfung der
Selbstentzündungstemperatur von nichtmetallischen
Werkstoffen in Sauerstoffatmosphäre (ISO 11114-3:2010)

This European Standard was approved by CEN on 14 December 2010.

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Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

This document (EN ISO 11114-3:2010) has been prepared by Technical Committee ISO/TC 58 "Gas cylinders" in collaboration with Technical Committee CEN/TC 23 "Transportable gas cylinders" the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by June 2011, and conflicting national standards shall be withdrawn at the latest by June 2011.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 11114-3:1997.

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Endorsement notice

The text of ISO 11114-3:2010 has been approved by CEN as a EN ISO 11114-3:2010 without any modification.

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

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This part of ISO 11114 was prepared by Technical Committee ISO/TC 58, *Gas cylinders*.

This second edition cancels and replaces the first edition (ISO 11114-3:1997). No significant technical changes have been made.

ISO 11114 consists of the following parts, under the general title *Gas cylinders — Compatibility of cylinder and valve materials with gas contents*:

- *Part 1: Metallic materials*
- *Part 2: Non-metallic materials*
- *Part 3: Autogenous ignition test for non-metallic materials in oxygen atmosphere*
- *Part 4: Test methods for selecting metallic materials resistant to hydrogen embrittlement*