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Gas cylinders — Cylinders for compressed and liquefied gases (excluding acetylene) — Inspection at time of filling

Bouteilles à gaz — Bouteilles à gaz comprimés et liquéfiés (à l'exception de l'acétylène) — Contrôle au moment du remplissage



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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.

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

ISO 24431 was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 4, *Operational requirements for gas cylinders*.

This first edition of ISO 24431 cancels and replaces ISO 10463:1993 and ISO 11113:1995, of which it constitutes a technical revision.

Introduction

This International Standard covers requirements that reflect current practice and experience.

Each transportable gas cylinder is inspected at the time of filling in order to establish that:

- it has no defects which render it unsafe for filling or continued use;
- it can be identified and complies with the relevant requirements with regard to marking, labelling, colour coding and completeness of its accessories;
- its valve functions satisfactorily.

The cylinder filling inspection is carried out exclusively by persons who have the appropriate training and competences, so as to ensure that each cylinder is safe for continued use.