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## **Gas cylinders — Seamless aluminium-alloy gas cylinders — Periodic inspection and testing**

*Bouteilles à gaz — Bouteilles à gaz sans soudure en alliage  
d'aluminium — Contrôles et essais périodiques*



Reference number  
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## Foreword

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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 10461 was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 4, *Operational requirements for gas cylinders*.

This second edition cancels and replaces the first edition (ISO 10461:1993), which has been technically revised.

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## Introduction

The principal aim of a periodic inspection and testing procedure is to be satisfied that at the completion of the inspection and test, the cylinders (single or those from bundles) can be reintroduced into service for a further period of time.

The inspection and test are to be carried out only by persons who are authorized under the relevant regulations and competent in the subject to assure all concerned that the cylinders are fit for continued safe use.

The results of inspection and testing for the cylinders that are specified in this International Standard determine whether a cylinder should be returned to service.