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AMENDMENT 1
2006-07-15

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

AMENDMENT 1

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

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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.

Amendment 1 to ISO 10461:2005 was prepared by Technical Committee ISO/TC 58, *Gas cylinders*, Subcommittee SC 4, *Operational requirements for gas cylinders*.

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Page 15, 14.2.2, *Painting and coating*

Replace all text in the fourth paragraph with the following:

“For cylinders manufactured from heat-treated alloys with ageing, the following applies.

a) Below 150 °C:

No further precautions are required.

b) From 150 °C to 175 °C:

- 1) If a manufacturer's recommendations (supported by time and temperature data) have been followed, and a controlled application of heat is used, e.g. in the curing of coatings, the cylinder need not be tested.
- 2) If a manufacturer's recommendations have not been followed for a controlled application of heat, the cylinder requires mandatory testing. The cylinder shall pass the hydraulic pressure test after the application of heat. A sort test, e.g. hardness test, may be used before proceeding to a hydraulic test. The hydraulic test need not be performed if the sort test results in a failure, but in this case the cylinder shall be rendered unserviceable.

c) Above 175 °C:

In no case shall the cylinder be subjected to temperatures above 175 °C. If the cylinder is inadvertently subjected to a temperature in excess of 175 °C, the cylinder shall be rendered unserviceable unless it is requalified by passing the volumetric expansion test (see 11.3).”

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