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Gas cylinders — Seamless steel gas cylinders — Periodic inspection and testing

Bouteilles à gaz — Bouteilles à gaz en acier sans soudure — Contrôles et essais périodiques



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Foreword

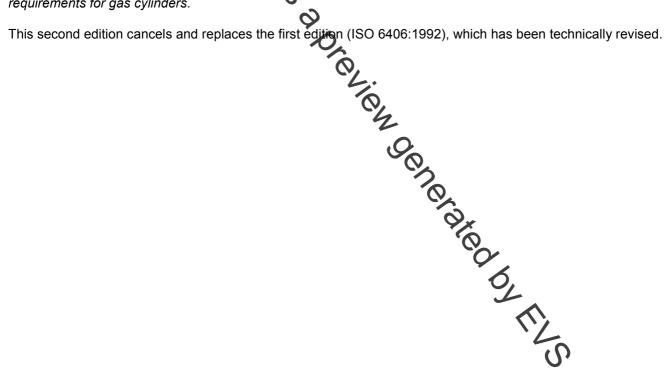
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ISO 6406 was prepared by Technical Committee ISO/TC 58, Gas cylinders, Subcommittee SC 4, Operational requirements for gas cylinders.



Gas cylinders — Seamless steel gas cylinders — Periodic inspection and testing

1 Scope

This International Standard deals with seamless steel transportable gas cylinders (single or those that comprise a bundle) interded for compressed and liquefied gases under pressure, of water capacity from 0,5 I up to 150 I; it also applies as far as practical, to cylinders of less than 0,5 I water capacity.

This International Standard specifies the requirements for periodic inspection and testing to verify the integrity of such gas cylinders to be re-impduced into service for a further period of time.

This International Standard does not apply to periodic inspection and testing of acetylene cylinders or composite cylinders with steel liners.

2 Normative references

The following referenced documents are indepensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 9712:—¹⁾, Non-destructive testing — Qualification and certification of personnel

ISO 11114-1:1997, Transportable gas cylinders — Compatibility of cylinder and valve materials with gas contents — Part 1: Metallic materials

ISO 11621, Gas cylinders — Procedures for change of gas served

ISO 13341, Transportable gas cylinders — Fitting of valves to gas of inders

ISO 13769, Gas cylinders — Stamp marking

3 Intervals between periodic inspections and tests

A cylinder shall be due for periodic inspection and test on its first receipt of a filler following the expiry of the interval established in accordance with the requirements of the *United Nations* Recommendations on the *Transport of Dangerous Goods* — *Model Regulations* or as specified by national or international authorities (see Annex A).

Provided the cylinder has been subjected to normal conditions of use and has not been subjected to abusive and abnormal conditions that would render the cylinder unsafe, there is no general requirement for the user to return a gas cylinder before the contents have been used even though the periodic inspection and test interval may have lapsed.

¹⁾ To be published. (Revision of ISO 9712:1999)