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SANS 6406:2006

Edition 2

ISO 6406:2005

Edition 2

SOUTH AFRICAN NATIONAL STANDARD

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

This national standard is the identical implementation of ISO 6406:2005, and is adopted with the permission of the International Organization for Standardization.

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Table of changes

Change No.	Date	Scope

National foreword

This South African standard was prepared by National Committee SABS/TC 058, *Vessels and systems under pressure*, in accordance with procedures of the SABS, in compliance with annex 3 of the WTO/TBT agreement.

In South Africa, the inspection and test periods indicated in annex A are replaced by those given in SANS 1825.

Whilst the shape and colour of test rings shown in this standard are identical to those used in South Africa, a different approach is followed in their use.

The ISO standard states that when a cylinder undergoes periodic inspection and testing, the test station will affix the test ring that, according to the chart, corresponds to the next test date for that particular cylinder. For example, if an oxygen cylinder undergoes a periodic inspection and test in 2006, then the test ring affixed under the valve will correspond to the colour and shape shown in the chart in the ISO standard for the year 2016 (since oxygen cylinders are tested every 10 years).

In South Africa we have adopted the opposite practice, i.e. that of affixing under the valve the test ring applicable to the year in which the current test was carried out. Therefore, in the above example, the test ring applicable to the year 2006 would be affixed under the valve.

This SANS edition cancels and replaces SABS edition 1 (SABS/ISO 6406:1992).

Compliance with this document cannot confer immunity from legal obligations.

**Reaffirmed and reprinted in July 2017.
This document will be reviewed every five years
and be reaffirmed, amended, revised or withdrawn.**

INTERNATIONAL STANDARD

**ISO
6406**

Second edition
2005-02-01

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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