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**SANS 1825:2014**

Edition 4

## **SOUTH AFRICAN NATIONAL STANDARD**

# **Gas cylinder test stations — General requirements for periodic inspection and testing of transportable refillable gas pressure receptacles**

**WARNING**

**This standard references other documents normatively.**

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1 Dr Lategan Road Groenkloof ☒ Private Bag X191 Pretoria 0001  
Tel: +27 12 428 7911 Fax: +27 12 344 1568

[www.sabs.co.za](http://www.sabs.co.za)

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**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>

**Foreword**

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

This document was published in May 2014.

This document supersedes SANS 1825:2010 (edition 3).

This document was written in order to support a specific South African Regulation and, of necessity, includes references to South African legislation. It therefore might not be suitable for direct application in other jurisdictions where conflicting legislation exists.

Annexes A, B, D, F and G form an integral part of this document. Annex C and E are for information only.

**Compliance with this document cannot confer immunity from legal obligations.**

**Introduction**

The original periodic inspection and testing procedures for transportable refillable welded steel liquefied petroleum gas (LPG) cylinders were based on those for gas cylinders or other pressure vessels, including those used for high-pressure industrial gases. These early methods relied on a periodic hydraulic proof pressure test being carried out at intervals as frequently as two years (pre-1940). With increasing experience and confidence so gained, together with improved cylinder manufacturing quality, it has been possible to allow the extension of the intervals between periodic tests to the test period given in this standard.

Periodic inspection is carried out at a test station operating under the approval of the Department of Labour together with SANAS (South African National Accreditation System) accreditation.

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