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**SANS 1475-1:2010**

Edition 3.4

## **SOUTH AFRICAN NATIONAL STANDARD**

### **The production of reconditioned fire-fighting equipment**

### **Part 1: Portable and wheeled (mobile) rechargeable fire extinguishers**

Amdt 1

## SANS 1475-1:2010

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### Table of changes

Change No.	Date	Scope
Amdt 1	2004	Amended to include the servicing of wheeled (mobile) fire extinguishers, to add an annex for pressure testing, to change the reference to the life span of extinguishing mediums and to change the intervals for pressure testing of CO <sub>2</sub> extinguishers.
Amdt 2	2005	Amended to update the definition of registered competent person, to change the requirement for foam extinguishers and for the frequency of pressure testing, to remove requirements for the service life of extinguishers and to include reference to the wheeled fire extinguishers in the procedures for maintenance (annex C); extended maintenance procedures (annex D); and intervals for maintenance (annex F).
Amdt 3	2006	Amended to clarify the definition of "registering authority" and the responsibilities of the registered trainee, to redefine expellants, to add a warning regarding the refilling of foam extinguishers, to change the general procedure applicable to all types of extinguisher, to change the requirements for the re-coating of aluminium cylinders, to clarify the servicing requirements for halon extinguishers, to change the requirements for the rejection of cylinders, to clarify the category of extinguishers subject to pressure testing in terms of this standard and the duration of the testing, to delete the reference to record keeping by the reconditioning organization, and to clarify the type of gas cartridge extinguishers allowed to be serviced.
Amdt 4	2010	Amended to add the definition of "actual mass" and renumber definitions accordingly, insert a note, delete the definition of "total mass", move reference to legislation to the foreword, change the requirements for topping-up of extinguishing medium, modify the requirement for re-coating of aluminium cylinders, add information on extinguisher test pressure, modify the requirements for record keeping, replace "total mass" with "actual mass" in the text, update requirements for marking, delete recommendations for reconditioning of fire extinguishers and modify a requirement for maintenance of fire extinguishers.

### Foreword

This South African standard was approved by National Committee SABS SC 21A, *Fire safety – Fire-fighting equipment*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This document was published in June 2010.

This document supersedes SANS 1475-1:2006 (edition 3.3).

A vertical line in the margin shows where the text has been technically modified by amendment No. 4.

Reference is made in 4.7.2.3 to the "relevant safety legislation." In South Africa this means the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) (as amended from time to time).

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

**Amdt 1**

## **Introduction**

Fire extinguishers are considered one of the major first-aid articles available for private and industrial application. It is therefore imperative that this product always be readily available, usable and in sound operating condition.

This part of SANS 1475 was developed specifically to provide a sound management system for the reconditioning of fire extinguishers.

The effective and safe servicing of extinguishers and application of the requirements of this part of SANS 1475 depend mainly on the expertise and responsibility of personnel involved with the production of reconditioned fire-fighting equipment.

For this reason, the sub-committee responsible for this part of SANS 1475 decided that the technical personnel should be competent and trained persons and, where appropriate, be registered, as proof of their qualifications.

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## **The production of reconditioned fire-fighting equipment**

### **Part 1:**

Portable and wheeled (mobile) rechargeable fire extinguishers

**Amdt 1**

### **1 Scope**

**1.1** This part of SANS 1475 covers the administrative and technical details and controls applicable to the acceptable reconditioning of any portable and wheeled (mobile) rechargeable fire extinguisher. **Amdt 1**

**1.2** It covers only those fire extinguishers that have been removed from service and have been presented for reconditioning.

**1.3** It does not cover new fire extinguishers or a reconditioned fire extinguisher presented for sale.

### **2 Normative references**

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. All standards are subject to revision and, since any reference to a standards is deemed to be a reference to the latest edition of that document, parties to agreements based on this standard are encouraged to take steps to ensure the use of the most recent editions of the standards indicated below. Information on currently valid national and international standards can be obtained from the SABS Standards Division.

SANS 1567, *Portable rechargeable fire extinguishers – CO<sub>2</sub> type extinguishers.*

~~SANS 1825 (SABS 1825), *Portable gas cylinders test stations – Approval and general requirements.*~~ **Amdt 1**

SANS 1910, *Portable refillable fire extinguishers.*

SANS 6406/ISO 6406, *Gas cylinders – Seamless steel gas cylinders – Periodic inspection and testing.*

SANS 10019, *Transportable containers for compressed, dissolved and liquefied gases – Basic design, manufacture, use and maintenance.*

SANS 10105-1, *The use and control of fire-fighting equipment – Part 1: Portable and wheeled (mobile) fire extinguishers.*