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SANS 10087-3:2015

Edition 5

SOUTH AFRICAN NATIONAL STANDARD

**The handling, storage, distribution
and maintenance of liquefied petroleum
gas in domestic, commercial, and
industrial installations**

**Part 3: Liquefied petroleum gas installations
involving storage vessels of individual water
capacity exceeding 500 L**

WARNING

This document references other
documents normatively.

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Table of changes

Change No.	Date	Scope

Foreword

This South African standard was approved by National Committee SABS/TC 1019, *Gas supply, handling and control (fuel, industrial and medical gases)*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This document was approved for publication in March 2015.

This document supersedes SANS 10087-3:2008 (edition 4).

This document is referenced in the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993), and the National Building Regulations and Building Standards Act, 1977 (Act No. 103 of 1977).

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.

SANS 10087 consists of the following parts, under the general title *The handling, storage, distribution and maintenance of liquefied petroleum gas in domestic, commercial, and industrial installations*:

Part 1: Liquefied petroleum gas installations involving gas storage containers of individual water capacity not exceeding 500 L and a combined water capacity not exceeding 3 000 L per installation.

Part 2: Installation of LPG systems in mobile units, including but not limited to caravans, motor homes, park homes and mobile kitchens.

Part 3: Liquefied petroleum gas installations involving storage vessels of individual water capacity exceeding 500 L.

Part 4: The transportation of LP gas including the design, construction, inspection, fittings, filling, maintenance and repair of LP gas bulk vehicles and rail tank cars.

Part 6: The application of liquefied petroleum and compressed natural gases as engine fuels for internal combustion engines.

Part 7: Storage and filling premises for refillable liquefied petroleum gas (LPG) containers of gas capacity not exceeding 19 kg and the storage of individual gas containers not exceeding 48 kg.

Part 8: Filling containers for LP gas operated fork lift vehicles in-situ.

Part 10: Mobile filling stations for refillable liquefied petroleum gas (LPG) containers of capacity not exceeding 9 kg.

Annexes A, B and C form an integral part of this document.

Introduction

This document represents a minimum standard. Compliance with it does not confer immunity from relevant legal requirements. Where mandatory requirements are applicable, the authority that has jurisdiction, i.e. the approving authority (see 3.3), should be approached.

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