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# **SOUTH AFRICAN NATIONAL STANDARD**

## **Community protection against fire**

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Table of changes		
Change No.	Date	Scope

## Acknowledgement

Standards South Africa wishes to acknowledge the valuable assistance derived from publications by the Fire Protection Association of Southern Africa.

## Foreword

This standard was approved by National Committee STANSA SC 5120.06E, *Fire safety – Community fire protection* in accordance with procedures of Standards South Africa, in compliance with annex 3 of the WTO/TBT agreement.

Edition 3 cancels and replaces the first revision (SABS 090:1972).

Annex A forms an integral part of this standard. Annexes B and C are for information only.

## Introduction

### Fire services in South Africa

The main functions of a fire service is to prevent fires and to protect life and property should a fire occur. To carry out these functions the service should be well organized.

The purpose of this standard is to provide advice on the measures that may be taken to ensure that fire services are efficient. It includes a schedule against which the performance potential of each aspect, as well as of the whole, of a fire service can be judged. A fire-risk rating based on this schedule will indicate the extent to which loss of life and property can be avoided in any particular given area.

Two essentials for protection against fire are an efficient fire service and an adequate water supply. Local authorities should achieve and maintain a category 1 service.

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## **Community protection against fire**

### **1 Scope**

**1.1** This standard outlines a system of determining the requirements for the operational and fire safety functions of emergency services rendered to communities.

**1.2** It also gives recommendations for water supplies for fire-fighting.

### **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 standard is deemed to be a reference to the latest edition of that standard, 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 Standards South Africa.

NFPA 291, *Fire flow testing and marking of hydrants.*

NFPA 1201, *Developing fire protection services for the public.*

NFPA 1500, *Fire department occupational health and safety program.*

NFPA 1561, *Fire department incident management system.*

NFPA 1710, *Standard for the organization and deployment of fire suppression, emergency medical operations and special operations to the public by career fire departments.*

NFPA 1901, *Automotive fire apparatus.*

SANS 10400 (SABS 0400), *The application of the National Building Regulations.*

### **3 Definitions**

For the purposes of this standard, the following definitions apply:

#### **3.1**

##### **aerial appliance**

turntable ladder or a hydraulic elevating platform