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Edition 1 and EN corr. 1, EN amdt 1

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Edition 1 and corr. 1, amdt 1

Any reference to SABS EN 54-4, is deemed  
to be a reference to this standard  
(Government Notice No.1373 of November 2002)

# **SOUTH AFRICAN NATIONAL STANDARD**

## **Fire detection and fire alarm systems**

### **Part 4: Power supply equipment**

This national standard is the identical implementation of EN 54-4:1997/AC:1999 including corrigendum 1 and amendment 1, and is adopted with the permission of CEN, rue de Stassart 36, B-1050 Brussels.

**SANS 50054-4:1997**

Edition 1 and EN corr.1, EN amdt 1

**EN 54-4:1997/AC:1999**

Edition 1 and corr.1, amdt1

**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>
EN corr. 1	1999	To change the reference EN 52-2 to EN 54-2.
EN amdt 1	2002	To delete annex A and to add an informative Annex ZA which establishes the conditions for the CE marking for fire safety of power supply equipment for fire detection and fire alarm systems for buildings and a bibliography.

**Abstract**

Specifies requirements, methods of test and performance criteria for power supply equipment of fire detection and fire alarm systems installed in buildings.

**Keywords**

alarm systems, alarm systems in buildings, buildings, fire alarms, power supplier, specifications, testing.

**National foreword**

This South African standard was approved by National Committee STANSA TC 68, *Security systems*, in accordance with procedures of Standards South Africa, in compliance with annex 3 of WTO/TBT agreement.

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN 54-4:1997/A1

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English version

## Fire detection and fire alarm systems - Part 4: Power supply equipment

Systèmes de détection et d'alarme incendie - Partie 4:  
Équipement d'alimentation électrique

Brandmeldeanlagen - Teil 4:  
Energieversorgungseinrichtungen

This amendment A1 modifies the European Standard EN 54-4:1997; it was approved by CEN on 23 September 2002.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN 54-4:1997/A1:2002 (E)

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## Foreword

This document (EN 54-4:1997/A1:2002) has been prepared by Technical Committee CEN/TC 72 "Fire detection and fire alarm systems", the secretariat of which is held by BSI.

This Amendment to the European Standard EN 54-4:1997 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2003, and conflicting national standards shall be withdrawn at the latest by December 2005.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA which is an integral part of this document.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

## Contents

*At the end of the existing table of contents, delete:*

Annex A (normative) Special national condition

*and insert the following new entries:*

Annex ZA (informative) Clauses of this European Standard addressing essential requirements of the Construction Products or other provisions of EU Directives

## Bibliography

## Scope

*Delete the note and replace it with the following paragraph:*

This standard does not cover the power supplies for self-contained smoke alarms or the battery powered parts of wire-free fire detection and fire alarm systems.

### Clause 9.3.1.1

*Delete the final sentence and replace it with the following:*

For other battery types, the discharge current shall be that for which the battery manufacturer specifies the rated capacity.

## Annex A

*Delete the whole of annex A.*

## New annex ZA and Bibliography

*After the existing annex A, add annex ZA and bibliography as follows.*