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**SANS 10142-1-1:2018**

Edition 1

# **SOUTH AFRICAN NATIONAL STANDARD**

## **The wiring of premises**

### **Part 1-1: Low-voltage installation in medical locations**

**WARNING**

**This document references other documents normatively.**

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**Table of changes**

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

**Foreword**

This South African standard was prepared by National Committee SABS/TC 067/SC 06, *Electricity distribution systems and components – Installations*, in accordance with procedures of the South African Bureau of Standards, in compliance with annex 3 of the WTO/TBT agreement.

This document was approved for publication in June 2018.

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

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

Reference is made in 8.4.18 to the "Electrical Installation Regulations". In South Africa this means the Electrical Installation Regulations of the said Occupational Health and Safety Act (Act No. 85 of 1993).

**Introduction**

IEC 60364-7-710 was used as a base standard for the development of this part of SANS 10142. In medical locations, it is necessary to ensure the safety of patients likely to be subjected to the application of medical electrical equipment. The purpose is to ensure the safety of the installation and the safe operation and maintenance of medical electrical equipment connected to it.

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