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Edition 1.1

Any reference to SABS 1451-2 is deemed
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SOUTH AFRICAN NATIONAL STANDARD

Hearing protectors

Part 2: Ear-plugs

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Table of changes

Change No.	Date	Scope
Amdt 1	2008	Amended to change the designation of SABS standards to SANS standards, and to update referenced standards.

Acknowledgement

Standards South Africa wishes to acknowledge the valuable assistance derived from publications of the following organizations:

British Standards Institution
International Organization for Standardization

Foreword

This South African standard was approved by National Committee StanSA TC 76, *Acoustics, electro-acoustics and vibration*, in accordance with procedures of Standards South Africa, in compliance with annex 3 of the WTO/TBT agreement.

This document was published in March 2008.

This document supersedes SABS 1451-2:1988 (edition 1).

A vertical line in the margin shows where the text has been technically modified by amendment No. 1.

SANS 1451 consists of the following parts, under the general title *Hearing protectors*:

Part 1: Ear-muffs.

Part 2: Ear-plugs.

Part 3: Ear-muffs attached to an industrial safety helmet.

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Hearing protectors

Part 2: Ear-plugs

1 Scope

1.1 This part of the specification covers constructional and performance requirements for ear-plugs intended for use as hearing protectors.

1.2 This part of the specification does not cover ear-plugs in which the acoustic performance is claimed to be dependent upon amplitude.

1.3 Real-ear attenuation characteristics of the ear-plugs are measured in accordance with the subjective method specified in ISO 4869-1. **Amdt 1**

NOTE

- a) Ear-muffs are covered in SANS 1451-1.
- b) The standards referred to in this part of the specification are listed in appendix A.
- c) Guidance on the verification of the quality of ear-plugs produced to this part of the specification is given in appendix B.

2 Definitions

2.1 For the purposes of this part of the specification the definitions given in SANS 1451-1 and the following definition shall apply:

ear-plug

a hearing protector inserted and worn in the ear canal or in the ear cavity or occluding the entrance to the external ear canal