



DRAFT TANZANIA STANDARDS

Acoustics- Hearing protectors- Part 3: Measurement of insertion loss of ear-muff type protectors using an acoustic test fixture.

TANZANIA BUREAU OF STANDARDS

0. National foreword

The Tanzania Bureau of Standards is the statutory national standards body for Tanzania, established under the Act.No.3 of 1975, amended by Act.No.2 of 2009.

This draft Tanzania standard is being prepared by noise and vibrations Technical Committee, under the supervision of the Environmental Management Divisional Standards Committee (EMDC).

This draft Tanzania Standard is identical to, ***ISO 4869-3:2007 - Acoustics- Hearing protectors- Part 3: Measurement of insertion loss of ear-muff type protectors using an acoustic test fixture***, published by the International Organization for Standardization (ISO).

1. Terminology and conventions

The text of the International Standard is hereby being recommended for approval without deviation for publication as draft Tanzania standard. Some terminology and certain conversion are not identical with those used in Tanzania Standards; attention is drawn to the following:

The comma (,) has been used as decimal marker for metric dimensions. In Tanzania, it is current practice to use a full point (.) on the baseline as a decimal marker.

Wherever the words “International Standard” appear, referring to this draft standard, they should read as “Tanzania Standard”.

2. Scope

ISO 4869-3:2007 specifies a method for measuring the insertion loss of ear-muff type hearing protectors using an acoustic test fixture. The method is applicable to the investigation of production spreads of performance as part of type approval or certification procedures, and to the investigation of the change of performance with age. It is intended to ensure that ear-muff hearing protector samples submitted for subjective testing of attenuation according to ISO 4869-1 have performances typical of the type.

The method specified in ISO 4869-3:2007 is not applicable as the basic test for type approval. Performance data obtained by this method are not intended to be quoted as representing the real-ear sound attenuation of an ear-muff, nor the protection provided by the ear-muff.