



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 24869-3:1994

ICS 13.140

**ACOUSTICS – HEARING PROTECTORS –  
PART 3: SIMPLIFIED METHOD FOR THE  
MEASUREMENT OF INSERTION LOSS OF  
EAR-MUFF TYPE PROTECTORS FOR  
QUALITY INSPECTION PURPOSES  
(ISO/TR 4869-3:1989)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann



**DECLARATION**

OF

**SPECIFICATION**

ENTITLED

**ACOUSTICS – HEARING PROTECTORS – PART 3: SIMPLIFIED METHOD FOR THE  
MEASUREMENT OF INSERTION LOSS OF EAR-MUFF TYPE PROTECTORS FOR  
QUALITY INSPECTION PURPOSES (ISO/TR 4869-3:1989)**

AS

**THE IRISH STANDARD SPECIFICATION FOR**

**ACOUSTICS – HEARING PROTECTORS – PART 3: SIMPLIFIED METHOD FOR THE  
MEASUREMENT OF INSERTION LOSS OF EAR-MUFF TYPE PROTECTORS FOR  
QUALITY INSPECTION PURPOSES (ISO/TR 4869-3:1989)**

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Forfás in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Industrial Development Act, 1993 (No. 19 of 1993), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Acoustics – Hearing Protectors – Part 3: Simplified Method for the Measurement of Insertion Loss of Ear-Muff Type Protectors for Quality Inspection Purposes (ISO/TR 4869-3:1989)) Declaration, 1994.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Acoustics – Hearing Protectors – Part 3: Simplified Method for the Measurement of Insertion Loss of Ear-Muff Type Protectors for Quality Inspection Purposes (ISO/TR 4869-3:1989). The Schedule comprises the text of EN 24869-3:1993.  
  
(2) The said standard specification may be cited as Irish Standard/EN 24869-3:1994 or as I.S./EN 24869-3:1994.



EUROPEAN STANDARD

EN 24869-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 1993

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UDC 614.892:620.1:534.61:534.833.5

Descriptors: Acoustics, hearing protectors, ear muffs, acoustic measurements, noise reduction, acoustic tests, quality control, noise : sound, sound pressure

English version

**Acoustics - Hearing protectors - Part 3: Simplified method for the measurement of insertion loss of ear-muff type protectors for quality inspection purposes (ISO/TR 4869-3:1989)**

Acoustique - Protecteurs individuels contre le bruit - Partie 3: Méthode simplifiée pour le mesurage de l'affaiblissement acoustique du type serre-tête, destinée aux contrôles de qualité (ISO/TR 4869-3:1989)

Akustik - Gehörschützer - Teil 3: Vereinfachtes Verfahren zur Messung der Schalldämmung von Kapselgehörschützern zum Zweck der Qualitätsprüfung (ISO/TR 4869-3:1989)

This European Standard was approved by CEN on 1993-11-25. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

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

**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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## **Foreword**

This European Standard has been taken over by Technical Committee CEN/TC 211 "Acoustics" from the work of ISO/TC 43 "Acoustics" of the International Organization for Standardization (ISO).

The Technical Report ISO/TR 4869-3:1989 was submitted to the Unique Acceptance Procedure (UAP) and was approved as a European Standard without any modification.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 1994, and conflicting national standards shall be withdrawn at the latest by May 1994.

In accordance with the CEN/CENELEC Internal Regulations, following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

## **Endorsement notice**

The text of the Technical Report ISO/TR 4869-3:1989 was approved by CEN as a European Standard without any modification.

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