



Nederlandse norm

# **NEN-EN-ISO 3745**

(en)

Acoustics - Determination of sound power levels of noise sources using sound pressure - Precision methods for anechoic and hemi-anechoic rooms (ISO 3745:2003, IDT)

Vervangt NEN-EN-ISO 3745:2004;  
NEN-EN-ISO 3745:2004/C11:2006

ICS 17.140.01  
augustus 2010

Als Nederlandse norm is aanvaard:

- EN ISO 3745:2009, IDT
- ISO 3745:2003, IDT

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Normcommissie 302018 "Akoestiek"

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## Nederlands voorwoord

Voor de in deze norm vermelde normatieve verwijzingen bestaan in Nederland de volgende equivalenten:

<u>vermelde norm</u>	<u>Nederlandse norm</u>	<u>titel</u>
ISO 7574-1:1985	NEN-ISO 7574-1:1990	Akoestiek - Statistische methoden voor de bepaling van controle van de geluidsemis­sie van machines en apparaten - Deel 1: Algemene overwegingen en definities
ISO 7574-4:1985	NEN-ISO 7574-4:1990	Akoestiek - Statistische methoden voor de bepaling en controle van de geluidsemis­sie van machines en apparaten - Deel 4: Methoden voor partijen machines
ISO 9613-1:1993	-	-
IEC 60942:2003	NEN-EN-IEC 60942:2003	Elektro-akoestiek - IJkbronnen voor geluid
IEC 61260:1995	NEN 11260:1995	Elektro-akoestiek - Octaaf-bandfilters en deel-octaafbandfilters
IEC 61672-1:2002	NEN-EN-IEC 61672-1:2003	Elektro-akoestiek - Geluidniveaumeters - Deel 1: Specificaties

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English Version

**Acoustics - Determination of sound power levels of noise sources using sound pressure - Precision methods for anechoic and hemi-anechoic rooms (ISO 3745:2003)**

Acoustique - Détermination des niveaux de puissance acoustique émis par les sources de bruit à partir de la pression acoustique - Méthodes de laboratoire pour les salles anéchoïques et semi-anéchoïques (ISO 3745:2003)

Akustik - Bestimmung der Schalleistungspegel von Geräuschquellen aus Schalldruckmessungen - Verfahren der Genauigkeitsklasse 1 für reflexionsarme Räume und Halbräume (ISO 3745:2003)

This European Standard was approved by CEN on 13 July 2009.

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 CEN Management Centre or to any CEN member.

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## Foreword

The text of ISO 3745:2003 has been prepared by Technical Committee ISO/TC 43 "Acoustics" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 3745:2009 by Technical Committee CEN/TC 211 "Acoustics" the secretariat of which is held by DS.

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 January 2010, and conflicting national standards shall be withdrawn at the latest by January 2010.

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This document supersedes EN ISO 3745:2003.

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For relationship with EC Directives, see informative Annexes ZA and ZB, which are integral parts of this document.

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## Annex ZA (informative)

### Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach Directive 98/37/EC, amended by 98/79/EC on machinery.

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## Annex ZB (informative)

### Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach Directive 2006/42/EC on machinery.

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# INTERNATIONAL STANDARD

# ISO 3745

Second edition  
2003-12-01

Preview

ISO 3745

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## Acoustics — Determination of sound power levels of noise sources using sound pressure — Precision methods for anechoic and hemi-anechoic rooms

*Acoustique — Détermination des niveaux de puissance acoustique  
émis par les sources de bruit à partir de la pression acoustique —  
Méthodes de laboratoire pour les salles anéchoïques et semi-  
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Reference number  
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