



National Standards Authority of Ireland

STANDARD

**EN 61340-4-5:2004**

ICS 17.220.99

59.080.60

**ELECTROSTATICS PART 4-5: STANDARD**

**TEST METHODS FOR SPECIFIC**

**APPLICATIONS - METHODS FOR**

**CHARACTERIZING THE ELECTROSTATIC**

**PROTECTION OF FOOTWEAR AND**

**FLOORING IN COMBINATION WITH A**

**PERSON (IEC 61340-4-5:2004)**

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EUROPEAN STANDARD

**EN 61340-4-5**

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2004

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English version

## **Electrostatics**

### **Part 4-5: Standard test methods for specific applications – Methods for characterizing the electrostatic protection of footwear and flooring in combination with a person (IEC 61340-4-5:2004)**

Electrostatique

Partie 4-5: Méthodes d'essai normalisées  
pour des applications spécifiques -  
Méthodes de caractérisation  
de la protection électrostatique  
des chaussures et des revêtements de sol  
par rapport à une personne  
(CEI 61340-4-5:2004)

Elektrostatik

Teil 4-5: Standard-Prüfverfahren für  
spezielle Anwendungen –  
Verfahren zur Charakterisierung  
der elektrostatischen Schutzwirkung  
von Schuhwerk und Boden  
in Kombination mit einer Person  
(IEC 61340-4-5:2004)

This European Standard was approved by CENELEC on 2004-09-01. CENELEC 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 CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

# **CENELEC**

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

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of document 101/178/FDIS, future edition 1 of IEC 61340-4-5, prepared by IEC TC 101, Electrostatics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61340-4-5 on 2004-09-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2005-06-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2007-09-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 61340-4-5:2004 was approved by CENELEC as a European Standard without any modification.

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60093	- <sup>1)</sup>	Methods of test for volume resistivity and surface resistivity of solid electrical insulating materials	HD 429 S1	1983 <sup>2)</sup>
IEC 61340-4-1	- <sup>1)</sup>	Electrostatics Part 4-1: Standard test methods for specific applications - Electrical resistance of floor coverings and installed floors	EN 61340-4-1	2004 <sup>2)</sup>
ISO 1957	- <sup>1)</sup>	Machine-made textile floor coverings - Selection and cutting of specimens for physical tests	-	-

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1) Undated reference.

2) Valid edition at date of issue.



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