

STN	Elektrostatika Časť 4-5: Normalizované skúšobné metódy pre špecifické aplikácie Metódy charakterizovania elektrostatickej ochrany obuvou a podlahou v kombinácii s osobou	STN EN IEC 61340-4-5 34 6440
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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

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/18

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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 61340-4-5:2018)

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
(IEC 61340-4-5:2018)

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 61340-4-5:2018)

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 61340-4-5:2018 (E)**European foreword**

The text of document 101/545/FDIS, future edition 2 of IEC 61340-4-5, prepared by IEC/TC 101 "Electrostatics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61340-4-5:2018.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018-11-22
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-02-22

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IEC 61340-4-3 NOTE Harmonized as EN IEC 61340-4-3.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61340-4-1	-	Electrostatics -- Part 4-1: Standard test methods for specific applications - Electrical resistance of floor coverings and installed floors	EN 61340-4-1	-
IEC 62631-3-1	-	Dielectric and resistive properties of solid insulating materials - Part 3-1 Determination of resistive properties (DC methods) - Volume resistance and volume resistivity, general method	EN 62631-3-1	-
ISO 1957	-	Machine-made textile floor coverings_ - Selection and cutting of specimens for physical tests	-	-



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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

Électrostatique –

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



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Edition 2.0 2018-01

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**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**

**Électrostatique –
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**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**

FOREWORD

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International Standard IEC 61340-4-5 has been prepared by IEC technical committee 101: Electrostatics.

This second edition cancels and replaces the first edition published in 2004. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) normative references have been updated;
- b) Figure 2 has been improved and expanded to include actual examples of body voltage recordings, and text has been added to explain how to interpret recordings;
- c) an alternative walking pattern has been added in an informative annex.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
101/545/FDIS	101/552/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all the parts in the IEC 61340 series, published under the general title *Electrostatics*, can be found on the IEC website.

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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

1 Scope

This part of IEC 61340 specifies test methods for evaluating electrostatic protection provided by a system of footwear and flooring in combination with a person.

Test results are valid only for the specific footwear and flooring combination tested.

The test methods are not intended for individual product qualification purposes.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

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