



# SLOVENSKI STANDARD

## SIST EN 61340-2-1:2016

01-marec-2016

Nadomešča:

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**Elektrostatika - 2-1. del: Merilne metode - Sposobnost materialov in izdelkov za odvajanje elektrostatičnega naboja**

Electrostatics - Part 2-1: Measurement methods - Ability of materials and products to dissipate static electric charge

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**Ta slovenski standard je istoveten z: EN 61340-2-1:2015**

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**ICS:**

17.220.99

Drugi standardi v zvezi z  
elektriko in magnetizmom

Other standards related to  
electricity and magnetism

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EUROPEAN STANDARD

**EN 61340-2-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2015

ICS 17.220.99; 29.020

Supersedes EN 61340-2-1:2002

English Version

**Electrostatics - Part 2-1: Measurement methods - Ability of materials and products to dissipate static electric charge  
(IEC 61340-2-1:2015)**

Electrostatique - Partie 2-1: Méthodes de mesure -  
Capacité des matériaux et des produits à dissiper des  
charges électrostatiques  
(IEC 61340-2-1:2015)

Elektrostatik - Teil 2-1: Messverfahren - Fähigkeit von  
Materialien und Erzeugnissen, elektrostatische Ladungen  
abzuleiten  
(IEC 61340-2-1:2015)

This European Standard was approved by CENELEC on 2015-10-02. 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.

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SIST EN 61340-2-1:2016

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

**EN 61340-2-1:2015****European foreword**

The text of document 101/446/CDV, future edition 2 of IEC 61340-2-1, prepared by IEC/TC 101 "Electrostatics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61340-2-1:2015.

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) 2016-07-02
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-10-02

This document supersedes EN 61340-2-1:2002.

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[f44a607a1d0a/sist-en-61340-2-1-2016](https://standards.iteh.ai/catalog/standards/sist/a2382207-04df-4b29-9b82-f44a607a1d0a/sist-en-61340-2-1-2016)

The text of the International Standard IEC 61340-2-1:2015 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated :

IEC 61340-5-1                      NOTE                      Harmonized as EN 61340-5-1.

## Annex ZA (normative)

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

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

NOTE 1 When 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61340-4-6	-	Electrostatics - Part 4-6: Standard test methods for specific applications - Wrist straps	EN 61340-4-6	-
IEC 61340-4-7	-	Electrostatics - Part 4-7: Standard test methods for specific applications - Ionization	-	-

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IEC 61340-2-1

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# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

HORIZONTAL STANDARD

NORME HORIZONTALE

**Electrostatics –** iTeh STANDARD PREVIEW  
**Part 2-1: Measurement methods – Ability of materials and products to dissipate static electric charge**  
(standards.iteh.ai)

SIST EN 61340-2-1:2016

**Électrostatique –**  
**Partie 2-1: Méthodes de mesure – Capacité des matériaux et des produits à dissiper des charges électrostatiques**

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ELECTROTECHNICAL  
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## ELECTROSTATICS –

**Part 2-1: Measurement methods –  
Ability of materials and products  
to dissipate static electric charge**

## FOREWORD

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International Standard IEC 61340-2-1 has been prepared by IEC technical committee 101: Electrostatics.

This second edition cancels and replaces the first edition published in 2002. This edition constitutes a technical revision.

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

- a) the first edition supported requirements in IEC TR 61340-5-1, but with the revision of IEC TR 61340-5-1 into an International Standard, this support is no longer required; references to IEC 61340-5-1[1]<sup>1</sup> have been removed;
- b) the introduction gives additional information on when charge decay time measurements are appropriate, and the applications for which each of the two test methods are best suited;
- c) procedures for performance verification of measuring instruments for the corona charging method have been added.

The text of this standard is based on the following documents:

CDV	Report on voting
101/446/CDV	101/462/RVC

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

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

It has the status of a horizontal standard in accordance with IEC Guide 108[3].

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

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed, <https://standards.iteh.ai/catalog/standards/sist/a2382207-04df-4b29-9b82-f44a607a1d0a/sist-en-61340-2-1-2016>
- withdrawn,
- replaced by a revised edition, or
- amended.

<sup>1</sup> Numbers in square brackets refer to the Bibliography.