SLOVENSKI STANDARD
SIST EN 61340-4-6:2015

01-december-2015

Elektrostatika - 4-6. del: Standardne preskusne metode za posebne aplikacije - Zapestni trakovi

Electrostatics - Part 4-6: Standard test methods for specific applications - Wrist straps

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Ta slovenski standard je istoveten z: **EN 61340-4-6:2015**

ICS:

17.220.99	Drugi standardi v zvezi z elektriko in magnetizmom	Other standards related to electricity and magnetism

SIST EN 61340-4-6:2015 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 61340-4-6

September 2015

ICS 17.220.99; 29.020

English Version

Electrostatics - Part 4-6: Standard test methods for specific applications - Wrist straps (IEC 61340-4-6:2015)

Électrostatique - Partie 4-6: Méthodes d'essai normalisées pour des applications spécifiques - Bracelets de conduction dissipative (IEC 61340-4-6:2015)

Elektrostatik - Teil 4-6: Standard-Prüfverfahren für spezielle Anwendungen - Handgelenkerdungsbänder (IEC 61340-4-6:2015)

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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

Ref. No. EN 61340-4-6:2015 E

European foreword

The text of document 101/463/FDIS, future edition 2 of IEC 61340-4-6, prepared by IEC/TC 101 "Electrostatics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61340-4-6:2015.

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) 2016-03-24
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-06-24

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61340-5-1	NOTE	Harmonized as EN 61340-5-1.
IEC/TR 61340-5-2	NOTE	Harmonized as CLC/TR 61340-5-2.

IEC 61340-4-6

Edition 2.0 2015-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Electrostatics –
Part 4-6: Standard test methods for specific applications – Wrist straps

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INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 17.220.99; 29.020

ISBN 978-2-8322-2675-9

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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ELECTROSTATICS –

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FOREWORD

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International Standard IEC 61340-4-6 has been prepared by IEC technical committee 101: Electrostatics.

This second edition cancels and replaces the first edition published in 2010. This edition constitutes a technical revision.

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

a) editorial comments made during the review of the first edition were reviewed and incorporated where appropriate;
b) several changes were made to update the Figures and improve the presentation of metric measurements (Imperial measurements have been removed);

c) the option of using an integrated checker for wrist strap system continuity testing has been added;

d) the evaluation and acceptance limit for wrist strap resistance has been changed so as to harmonize with IEC 61340-5-1.

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

FDIS	Report on voting
101/463/FDIS	101/476/RVD

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.

A list of all parts in the IEC 61340 series, 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,
- withdrawn,
- replaced by a revised edition, or
- amended.

INTRODUCTION

This part of IEC 61340 has been developed to establish test methods for evaluating the electrical and mechanical attributes of wrist straps used in an electrostatic control program. Wrist straps are intended to connect the user to electrical ground, thus preventing electrostatic charge on a user's body from attaining a level that may damage ESD susceptible devices or assemblies.

Test methods and performance limits for evaluation, acceptance, and functional testing are provided.