SLOVENSKI STANDARD
SIST EN IEC 60851-1:2021/oprA1:2024

01-september-2024

Navijalne žice - Preskusne metode - 1. del: Splošno - Dopolnilo A1

Amendment 1 - Winding wires - Test methods - Part 1: General

Wickeldrähte - Prüfverfahren - Teil 1: Allgemeines

Fils de bobinage - Méthodes d'essai - Partie 1: Généralités

Ta slovenski standard je istoveten z: **EN IEC 60851-1:2021/prA1:2024**

ICS:

29.060.10 Žice Wires

SIST EN IEC 60851-1:2021/oprA1:2024 **en**

55/2045/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER: **IEC 60851-1/AMD1 ED3**	
DATE OF CIRCULATION: **2024-06-14**	CLOSING DATE FOR VOTING: **2024-09-06**
SUPERSEDES DOCUMENTS: **55/2044/RR**	

IEC TC 55 : WINDING WIRES	
SECRETARIAT: United States of America	SECRETARY: Mr Mike Leibowitz
OF INTEREST TO THE FOLLOWING COMMITTEES: TC 2,TC 14	PROPOSED HORIZONTAL STANDARD: ☐ Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.
FUNCTIONS CONCERNED: ☐ EMC ☐ ENVIRONMENT ☐ QUALITY ASSURANCE ☐ SAFETY	
☐ SUBMITTED FOR CENELEC PARALLEL VOTING	☒ NOT SUBMITTED FOR CENELEC PARALLEL VOTING

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Recipients of this document are invited to submit, with their comments, notification of any relevant “In Some Countries” clauses to be included should this proposal proceed. Recipients are reminded that the CDV stage is the final stage for submitting ISC clauses. (SEE AC/22/2007 OR NEW GUIDANCE DOC).

TITLE:

Amendment 1 - Winding wires - Test methods - Part 1: General

PROPOSED STABILITY DATE: 2028

NOTE FROM TC/SC OFFICERS:

This CDV proposes updates to Annex A to update the alignment with the tables of contents of IEC 60851-2 through 60851-6.

INTERNATIONAL ELECTROTECHNICAL COMMISSION

WINDING WIRES – TEST METHODS –

Part 1: General

FOREWORD

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Amendment 1 to IEC 60317-82:2020 has been prepared by IEC technical committee 55: Winding wires.

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

Draft	Report on voting
55/XX/XXXX	55/XX/XXX

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

The language used for the development of this Amendment is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications/.

Annex A is for information only.

A list of all parts in the IEC 60851 series, published under the general title *Winding wires – Test methods*, can be found on the IEC website.

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

- reconfirmed,
- withdrawn, or
- revised.

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Annex A
(informative)

Contents of IEC 60851-2 to IEC 60851-6 with indication of tests

Replace the contents this annex by the following:

NOTE This contents list is not exhaustive.

A.1 General

The tables of contents as given in Clause A.2 to Clause A.6 are not exhaustive.

A.2 IEC 60851-2

The contents shown below refers to IEC 60851-2:2009, IEC 60851-2:2009/AMD1:2015 and IEC 60851-2:2009/AMD2:2019.

1 Scope
2 Normative references
3 Test 4: Dimensions
3.1 Equipment
3.1.1 Round and rectangular wire
3.1.2 Bunched wire
3.2 Procedure
3.2.1 Conductor dimension
3.2.2 Out-of-roundness of the conductor
3.2.3 Rounding of corners of rectangular wire
3.2.4 Increase in dimension due to the insulation
3.2.5 Overall dimension
3.2.6 Increase in diameter due to the bonding layer of enamelled round wire
3.2.7 Increase in dimensions due to the bonding layer of enamelled rectangular wire

A.3 IEC 60851-3

The contents shown below refers to IEC 60851-3:2023

1 Scope
2 Normative references
3 Terms and definitions
4 Test 6: Elongation
4.1 Elongation at fracture
4.2 Tensile strength
5 Test 7: Springiness
5.1 General
5.2 Round wire with a nominal conductor diameter from 0,080 mm up to and including 1,600 mm