

कुंडलन तारे - परीक्षण पद्धतियाँ:
भाग 1 सामान्य
(दूसरा पुनरीक्षण)

Winding wires - Test methods:
Part 1 General
(Second Revision)

ICS 29.060.10

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NATIONAL FOREWORD

This Indian Standard (Part 1) (Second Revision) which is identical with IEC 60851-1: 2021 ‘Winding wires – Test methods – Part 1: General’ Issued By The International Electrotechnical Commission (IEC) was adopted by the Bureau of Indian Standards on the recommendation of the Winding Wire Sectional Committee and approval of the Electrotechnical Division Council.

This standard was originally published in 1993 and subsequently revised in 2011. The second revision of this standard has been undertaken to align it with the latest version of IEC 60851-1: 2021.

The text of the IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appears referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to International Standards for which Indian Standards also exists. The corresponding Indian Standards, which are to be substituted, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
IEC 60851-2:2009, Winding wires – Test methods – Part 2: Determination of dimensions	IS 13778 (Part 2) : 2013/ IEC 60851-2:2009 Winding wires - Test methods: Part 2 determination of dimensions (<i>first revision</i>)	Identical
IEC 60851-3:2009, Winding wires – Test methods – Part 3: Mechanical properties	IS 13778 (Part 3) : 2012/IEC 60851-3 : 2009 Winding wires - Test methods: Part 3 mechanical properties (<i>first revision</i>)	Identical
IEC 60851-4:2016, Winding wires – Test methods – Part 4: Chemical properties	IS 13778 (Part 4) : 2018/IEC 60851-4 : 2016 Winding wires - Test methods: Part 4 chemical properties (<i>second revision</i>)	Identical
IEC 60851-5:2008, Winding wires – Test methods – Part 5: Electrical properties	IS 13778 (Part 5) : 2012/IEC 60851-5 : 2008 Winding wires - Test methods: Part 5 electrical properties (<i>first revision</i>)	Identical
IEC 60851-6:2012, Winding wires – Test methods – Part 6: Thermal properties	IS 13778 (Part 6) : 2018/IEC 60851-6 : 2012 Winding wires - Test methods: Part 6 thermal	Identical

	properties (<i>second revision</i>)	
IEC 60317 (all parts), Specifications for particular types of winding wires	IS 13730/ IEC 60317 (all part) Specifications for particular types of winding wires	Identical

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test, shall be rounded off in accordance with IS 2: 2022 'Rules for rounding off numerical values (*second revision*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.