BUREAU OF INDIAN STANDARDS
DRAFT FOR COMMENTS ONLY

Draft Indian Standard

Specifications for particular types of winding wires – Part 0-4: General requirements – Glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire

(Third Revision)

(ICS 29.060.10)

Winding Wire Sectional Committee, ETD 33	Last date for comments-18/07/2024

NATIONAL FOREWORD

This Draft Indian Standard (Third Revision) which is identical with IEC 60317-0-4:2020 'Specifications for particular types of winding wires – Part 0-4: General requirements – Glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire' Issued By The International Electrotechnical Commission (IEC) is proposed to be 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 and 2018. The Third revision of this standard has been undertaken to align it with the latest version of IEC 60317-0-4:2020.

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:

International Standard	*Corresponding Indian Standard*	*Degree of Equivalence*
IEC 60851 (all parts), Winding wires – Test methods	IS 13778 (Part 1) : 2011/ IEC 60851-1 : 1996 Winding wires - Test methods: Part 1 general (*First Revision*)	Identical
	IS 13778 (Part 2) : 2013/IEC 60851-2 : 2009 Winding wires - Test methods: Part 2 determination of dimensions (*First Revision*)	Identical
	IS 13778 (Part 3) : 2012 IEC 60851-3 : 2009 Winding wires - Test methods: Part 3 mechanical properties (*First Revision*)	Identical
	IS 13778 (Part 4) : 2018/IEC 60851-4 : 2016 Winding wires - Test methods: Part 4 chemical properties (*Second Revision*)	Identical
	IS 13778 (Part 5) : 2012/IEC 60851-5 : 2008 Winding wires - Test methods: Part 5 electrical properties (*First Revision*)	Identical
	IS 13778 (Part 6) : 2018/IEC 60851-6 : 2012 Winding wires - Test methods: Part 6 thermal properties (*Second Revision*)	Identical

The technical committee has reviewed the provisions of the following international standards referred in this adopted standard and decided that they are acceptable for use in conjunction with this standard.

International Standard	*Title*
ISO 3	Preferred numbers – Series of preferred numbers
EN 1977	Copper and copper alloys – Copper drawing stock (wire rod)
ISO 1190-1,	Copper and copper alloys − Code of designation – Part 1: Designation of materials for code of designation
ASTM B49	Standard Specification for Copper Rod for Electrical Purposes

Only English language text has been retained while adopting it in this Indian Standard, and as such the page numbers given here are not the same as in the International Standard.

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.

Note — The technical content of their document has not been enclosed as there are identical with the corresponding IEC standards for details, please refer the corresponding IEC 60317-0-4:2020 or kindly contact:

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