

Methods of test for

Winding wires —

Part 4: Chemical properties

The European Standard EN 60851-4:1994 has the status of a British Standard

UDC 621.31.5.33:620.1:543

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the General Electrotechnical Engineering Standards Committee (GEL/-) to Technical Committee GEL/36, upon which the following bodies were represented:

- British Non-ferrous Metals Federation
- British Railways Board
- Covered Conductors Association
- Department of Trade and Industry (Shipbuilding and Electrical Engineering Division)
- Electric Cable Makers' Confederation
- Electronic Components Industry Federation
- Electronic Engineering Association
- Rotating Electrical Machines Association (BEAMA Ltd.)
- Telecommunication Engineering and Manufacturing Association (TEMA)
- Transmission and Distribution Association (BEAMA Ltd.)

This British Standard, having been prepared under the direction of the General Electrotechnical Engineering Standards Committee, was published under the authority of the Board of BSI and comes into effect on 30 January 1987

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The following BSI references relate to the work on this standard:
Committee reference GEL/36
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National foreword

This Section of BS 6811 has been prepared under the direction of the General Electrotechnical Engineering Standards Committee. It is identical with IEC Publication 851-4:1985 “*Methods of test for winding wires. Part 4: Chemical properties*”, published by the International Electrotechnical Commission (IEC).

In 1994 the European Committee for Electrotechnical Standardization (CENELEC) accepted IEC 851-4:1985 and its amendment 1:1992 as European Standard EN 60851-4:1994. As a consequence of implementing the European Standard this British Standard is renumbered as BS EN 60851-4 and any reference to BS 6811-2.4 should be read as a reference to BS EN 60851-4.

NOTE This Section should be read in conjunction with BS 6811-0 “*General introduction and list of Parts*”.

Terminology and conventions. The text of the International Standard has been approved for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards.

Cross-references

International Standards	Corresponding British Standards
	BS 6811 <i>Winding wires</i> Part 2: <i>Methods of test</i>
IEC 851-1:1985	Section 2.1:1987 <i>General test conditions and schedule of tests</i> (Identical)
IEC 851-3:1985	Section 2.3:1987 <i>Mechanical properties</i> (Identical)
IEC 851-5:1985	Section 2.5:1987 <i>Electrical properties</i> (Identical)
IEC 554-1:1977	BS 5626 <i>Cellulosic papers for electrical purposes</i> Part 1:1976 <i>Definitions and general requirements</i> (Identical)

The Technical Committee has reviewed the provisions of IEC 296, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

The related British Standard for IEC 296:1982 is BS 148:1984.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 12, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Descriptors: Electrical wire, winding wire, insulated wire, chemical property

English version

Methods of test for winding wires Part 4: Chemical properties

(IEC 851-4:1985 + A1:1992)

Méthodes d'essai des fils de bobinage
Partie 4: Propriétés chimiques
(CEI 851-4:1985 + A1:1992)

Prüfverfahren für Wickeldrähte
Teil 4: Chemische Eigenschaften
(IEC 851-4:1985 + A1:1992)

This European Standard was approved by CENELEC on 1994-03-08. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B-1050 Brussels

Foreword

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 851-4:1985 and its amendment 1:1992 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as European Standard.

The reference document was submitted to the CENELEC member for formal vote as prHD 490.4 S2 and was approved by CENELEC as EN 60851-4 on 8 March 1994.

This European Standard replaces HD 490.4 S1:1987.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1995-03-15
- latest date of withdrawal of conflicting national standards (dow) 1995-03-15

Annexes designated “normative” are part of the body of the standard. In this standard, Annex ZA is normative.

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