

Electrical insulating materials — Method to evaluate the resistance to tracking and erosion — Rotating wheel dip test

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British Standard

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The preparation of this British Standard was entrusted to Technical Committee GEL/15, Insulating materials, upon which the following bodies were represented:

- British Ceramic Research Ltd.
- British Industrial Ceramic Manufacturers' Association
- British Telecommunications plc
- Department of Trade and Industry (National Physical Laboratory)
- Electrical and Electronic Insulation Association (BEAMA Ltd.)
- Electricity Association
- Federation of the Electronics Industry
- Ministry of Defence
- Rotating Electrical Machines Association (BEAMA Ltd.)
- Transmission and Distribution Association (BEAMA Ltd.)

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- AEA Technology
- British Cable Manufactures Association
- British Industrial Ceramic Manufacturers' Association
- British Plastics Federation

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National foreword

This British Standard has been prepared by Technical Committee GEL/15 and is the English language version of EN 61302:1995 *Electrical insulating materials — Method to evaluate the resistance to tracking and erosion — Rotating wheel dip test* published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 1302:1995 (including corrigendum September 1995) published by the International Electrotechnical Commission (IEC).

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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.

ICS 29.040.20

Descriptors: Electrical insulating materials, solid electrical insulating materials, tests, tracking resistance, corrosion resistance, erosion corrosion, immersion tests, contaminants, testing conditions

English version

Electrical insulating materials Method to evaluate the resistance to tracking and erosion Rotating wheel dip test

(IEC 1302:1995 + corrigendum 1995)

Matériaux isolants électriques
Méthode d'évaluation de la résistance au
cheminement et à l'érosion
Essai au volant rotatif à immersion
(CEI 1302:1995 + corrigendum 1995)

Elektroisolierstoffe
Prüfverfahren zur Beurteilung des
Widerstandes gegen Kriechwegbildung und
Aushöhlung Zyklische Prüfung
(IEC 1302:1995 + corrigendum 1995)

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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

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Foreword

The text of document 15B(CO)92, future edition 1 of IEC 1302, prepared by SC 15B, Endurance tests, of IEC TC 15, Insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61302 on 1995-07-04.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1996-04-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1996-04-01

Annexes designated “normative” are part of the body of the standard. Annexes designated “informative” are given for information only. In this standard, Annex ZA is normative and Annex A and Annex B are informative. Annex ZA has been added by CENELEC.

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