

TECHNICAL SPECIFICATION

Guidance on the measurement of hydrophobicity of insulator surfaces

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**GUIDANCE ON THE MEASUREMENT OF HYDROPHOBICITY
OF INSULATOR SURFACES**

FOREWORD

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- the subject is still under technical development or where, for any other reason, there is the future but no immediate possibility of an agreement on an International Standard.

Technical specifications are subject to review within three years of publication to decide whether they can be transformed into International Standards.

IEC 62073, which is a technical specification, has been prepared by IEC technical committee 36: Insulators.

This second edition cancels and replaces the first edition published in 2003. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Changed wettability to hydrophobicity throughout the document
- b) Redefined the criteria for the determination of hydrophobicity class in paragraph 3.4;

The text of this technical specification is based on the following documents:

Enquiry draft	Report on voting
36/363/DTS	36/367/RVC

Full information on the voting for the approval of this technical specification can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

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

- transformed into an International standard,
- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

The content of the corrigendum 1 (2026-07) has been included in this copy.