

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Electrical insulating materials used under severe ambient conditions – Test methods for evaluating resistance to tracking and erosion

Matériaux isolants électriques utilisés dans des conditions ambiantes sévères – Méthodes d'essai pour évaluer la résistance au cheminement et à l'érosion



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTRICAL INSULATING MATERIALS
USED UNDER SEVERE AMBIENT CONDITIONS –
TEST METHODS FOR EVALUATING RESISTANCE
TO TRACKING AND EROSION**

FOREWORD

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International Standard IEC 60587 has been prepared by IEC technical committee 112: Evaluation and qualification of electrical insulating materials and systems.

This third edition cancels and replaces the second edition, published in 1984, and constitutes a technical revision. The main changes from the previous edition are as follows: experience has indicated the need for improved description of the experimental method. For the preparation of the test specimens abrasion is recommended only if necessary. The ventilation of the test chamber is described in detail. For specimens of soft elastomeric materials a mounting support is described. The maximum depth of erosion has to be reported in the classification.

This bilingual version, published in 2009-11, corresponds to the English version.

The text of this standard is based on the following documents:

FDIS	Report on voting
112/56/FDIS	112/61/RVD

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

The French version of this standard has not been voted upon.

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 maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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