

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Live working – Electrical insulating matting

Travaux sous tension – Tapis isolants électriques

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**LIVE WORKING –
ELECTRICAL INSULATING MATTING**

FOREWORD

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International Standard IEC 61111 has been prepared by IEC technical committee 78: Live Working.

This second edition cancels and replaces the first edition, published in 1992, and its Amendment 1 (2002). This edition constitutes a technical revision.

It includes the following significant technical changes with regard to the previous edition:

- general review of the requirements and test provisions;
- modification of the test procedure for slip resistance;
- specification of standard and alternative types of electrodes for the proof test;
- increase of the conditioning time for low temperature folding test to 4 hours;
- modification of the test procedures for low and extremely low temperature by replacing the dielectric proof test by a withstand test in the sanction;
- modification of the test procedures for acid and oil resistance by specifying the use of test pieces and by replacing the dielectric proof test by a withstand test in the sanction;

- specification of liquid 102 for the oil resistance test and harmonisation of the mechanical test sanction with the acid resistance test;
- preparation of the elements of evaluation of defects, and general application of IEC 61318 Ed.3;
- revision of existing annexes;
- deletion of Annexes D and F, not applicable according to IEC 61318 Ed.3;
- introduction of a new normative Annex F on classification of defects.

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

FDIS	Report on voting
78/784/FDIS	78/798/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.

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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