

INTERNATIONAL STANDARD

NORME INTERNATIONALE



Radio interference test on high-voltage insulators

Essai de perturbations radioélectriques des isolateurs pour haute tension



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Figure 1 – Schematic representation of the type test procedure: (a) measurement cycle
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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IEC 60437 has been prepared by IEC technical committee 36: Insulators. It is an International Standard.

This third edition cancels and replaces the second edition published in 1997. This edition constitutes a technical revision.

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

- a) Composite station post and composite hollow core station post insulators have been included;
- b) All paragraphs of Samples test were actualized;
- c) Sample test fast procedure was introduced.

The text of this International Standard is based on the following documents:

Draft	Report on voting
36/585/FDIS	36/591/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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INTRODUCTION

The first edition of IEC 60437 presented the available information on a radio interference test on high-voltage insulators as a technical report. This allowed further experience in conducting the test and the interpretation of results to be gained.

The second edition incorporated that experience in the form of an International Standard, which gave the recommended procedures for a radio interference test on high-voltage insulators.

This third edition incorporates clarification of test arrangements and the number of insulators to be tested for composite station posts, composite hollow core station posts and hybrid insulators. This edition also incorporates clarification on the fast method for the sample test.