

Electrical insulating materials — Thermal endurance properties —

Part 4-2: Ageing ovens — Precision ovens for use up to 300 °C

The European Standard EN 60216-4-2:2000 has the status of a British Standard

ICS 29.035.01

National foreword

This British Standard is the official English language version of EN 60216-4-2:2000. It is identical with IEC 60216-4-2:2000.

The UK participation in its preparation was entrusted by Technical Committee GEL/15, Insulating materials, to Subcommittee GEL/15/5, Methods of test, which has the responsibility to:

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 16, the annex ZA page and a back cover.

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Thermal endurance properties
Part 4-2: Ageing ovens -
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(IEC 60216-4-2:2000)**

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Propriétés d'endurance thermique
Partie 4-2: Etuves de vieillissement -
Etuves de précision pour des utilisations
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CENELEC

European Committee for Electrotechnical Standardization
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Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 15E/135/FDIS, future edition 1 of IEC 60216-4-2, prepared by SC 15E, Methods of test, of IEC TC 15, Insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60216-4-2 on 2000-11-01.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
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- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2003-11-01

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 annexes A and B are informative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60216-4-2:2000 was approved by CENELEC as a European Standard without any modification.

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INTRODUCTION

IEC 60216, which deals with the determination of thermal endurance properties of electrical insulating materials is composed of several parts:

Part 1: General guidelines for ageing procedures and evaluation of test results;

Part 2: Choice of test criteria;

Part 3: Instructions for calculating thermal endurance characteristics – Section 1: Calculations using mean values of normally distributed complete data;

Part 3: Instructions for calculating thermal endurance characteristics – Section 2: Calculations for incomplete data: proof test results up to and including the median time to end-point (equal test groups);

Part 4: Ageing ovens – Section 1: Single-chamber ovens;

Part 4-3: Ageing ovens – Multi-chamber ovens (in preparation);

Part 5: Guidelines for the application of thermal endurance characteristics.

NOTE This series may be extended. For revisions and new parts, see the current catalogue of IEC publications for an up-to-date list.