



NSAI
Standards

Irish Standard
I.S. EN 60749-7:2011

Semiconductor devices - Mechanical
and climatic test methods -- Part 7:
Internal moisture content
measurement and the analysis of other
residual gases (IEC 60749-7:2011 (EQV))

I.S. EN 60749-7:2011

Incorporating amendments/corrigenda issued since publication:

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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EUROPEAN STANDARD

EN 60749-7

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2011

ICS 31.080.01

Supersedes EN 60749-7:2002

English version

**Semiconductor devices -
Mechanical and climatic test methods -
Part 7: Internal moisture content measurement and the analysis of other
residual gases
(IEC 60749-7:2011)**

Dispositifs à semiconducteurs -
Méthodes d'essais mécaniques et
climatiques -
Partie 7: Mesure de la teneur en humidité
interne et analyse des autres gaz
résiduels
(CEI 60749-7:2011)

Halbleiterbauelemente -
Mechanische und klimatische
Prüfverfahren -
Teil 7: Messung des inneren
Feuchtegehaltes und Analyse von
anderen Restgasen
(IEC 60749-7:2011)

This European Standard was approved by CENELEC on 2011-07-22. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 47/2087/FDIS, future edition 2 of IEC 60749-7, prepared by IEC TC 47, Semiconductor devices, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60749-7 on 2011-07-22.

This European Standard supersedes EN 60749-7:2002.

The main change is the removal of the two alternative methods formerly designated method 2 and method 3.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2012-04-22
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2014-07-22

Endorsement notice

The text of the International Standard IEC 60749-7:2011 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60749-8 NOTE Harmonized as EN 60749-8.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SEMICONDUCTOR DEVICES – MECHANICAL AND CLIMATIC TEST METHODS –

Part 7: Internal moisture content measurement and the analysis of other residual gases

FOREWORD

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International Standard IEC 60749-7 has been prepared by IEC technical committee 47: Semiconductor devices.

This second edition cancels and replaces the first edition published in 2002 and constitutes a technical revision. This second edition has been completely re-written so as to align it with the text of the latest versions of MIL-STD-750, method 1018 and MIL-STD-883, method 1018.

The main change is the removal of the two alternative methods formerly designated method 2 and method 3.

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

FDIS	Report on voting
47/2087/FDIS	47/2098/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.

A list of all parts in the IEC 60749 series, under the general title *Semiconductor devices – Mechanical and climatic test methods*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability 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

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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