



NSAI
Standards

Irish Standard
I.S. EN 62059-31-1:2008

Electricity metering equipment - Dependability -- Part 31-1: Accelerated reliability testing - Elevated temperature and humidity (IEC 62059 -31-1:2008 (EQV))

I.S. EN 62059-31-1:2008

Incorporating amendments/corrigenda issued since publication:

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EUROPEAN STANDARD
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EN 62059-31-1

November 2008

ICS 29.240; 91.140.50

English version

**Electricity metering equipment -
Dependability -
Part 31-1: Accelerated reliability testing -
Elevated temperature and humidity
(IEC 62059-31-1:2008)**

Equipements de comptage de l'électricité -
Sûreté de fonctionnement -
Partie 31-1: Essais de fiabilité accélérés -
Température et humidité élevées
(CEI 62059-31-1:2008)

Elektrizitätszähler -
Zuverlässigkeit -
Teil 31-1: Zeitraffende
Zuverlässigkeitsprüfung -
Temperatur und Luftfeuchte erhöht
(IEC 62059-31-1:2008)

This European Standard was approved by CENELEC on 2008-11-01. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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Foreword

The text of document 13/1437A/FDIS, future edition 1 of IEC 62059-31-1, prepared by IEC TC 13, Electrical energy measurement, tariff- and load control, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62059-31-1 on 2008-11-01.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2009-08-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2011-11-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62059-31-1:2008 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61124	NOTE Harmonized as EN 61124:2006 (not modified).
IEC 61163-1	NOTE Harmonized as EN 61163-1:2006 (not modified).
IEC 61164	NOTE Harmonized as EN 61164:2004 (not modified).
IEC 61709	NOTE Harmonized as EN 61709:1998 (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-191	1990	International Electrotechnical Vocabulary (IEV) - Chapter 191: Dependability and quality of service	-	-
IEC 60300-3-5	2001	Dependability management - Part 3-5: Application guide - Reliability test conditions and statistical test principles	-	-
IEC 61649	2008	Weibull analysis	EN 61649	2008
IEC 61703	2001	Mathematical expressions for reliability, availability, maintainability and maintenance support terms	EN 61703	2002
IEC/TR 62059-11	2002	Electricity metering equipment - Dependability - Part 11: General concepts	-	-
IEC/TR 62059-21	2002	Electricity metering equipment - Dependability - Part 21: Collection of meter dependability data from the field	-	-
IEC 62059-41	2006	Electricity metering equipment - Dependability - Part 41: Reliability prediction	EN 62059-41	2006
IEC 62308	2006	Equipment reliability - Reliability assessment methods	EN 62308	2006

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