

**Neposredni kazalni analogni električni merilni instrumenti in njihov pribor –
9. del: Priporočene preskusne metode – Dopolnilo A2 (IEC 60051-
9:1988/A2:1995)**

Direct acting indicating analogue electrical-measuring instruments and their
accessories -- Part 9: Recommended test methods. Amendment A2 (IEC 60051-
9:1988/A2:1995)

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Descriptors: Electrical measuring instruments, analogue indicating instruments, direct acting measuring instruments, recommended test methods for direct acting measuring instruments

English version

**Direct acting indicating analogue electrical-measuring
instruments and their accessories
Part 9: Recommended test methods
(IEC 51-9:1988/A2:1995)**

Appareils mesureurs électriques
indicateurs analogiques à action directe
et leurs accessoires
Partie 9: Méthodes d'essai
recommandées
(CEI 51-9:1988/A2:1995)

Direkt wirkende anzeigende elektrische
Meßgeräte und ihr Zubehör
Meßgeräte mit Skalenanzeige
Teil 9: Empfohlene Prüfverfahren
(IEC 51-9:1988/A2:1995)

This amendment A2 modifies the European Standard EN 60051-9:1989; it was approved by CENELEC on 1995-02-15. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.-9:1995/A2:1999

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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

Foreword

The text of document 85(CO)65 + 65A, future amendment 2 to IEC 51-9:1988, prepared by IEC TC 85, Measuring equipment for electromagnetic quantities, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60051-9:1989 on 1995-02-15.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1996-02-15
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1996-02-15

For products which have complied with EN 60051-9:1989 before 1996-02-15, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2001-02-15.

Endorsement notice

The text of amendment 2:1995 to the International Standard IEC 51-9:1988 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
51-9

1988

AMENDEMENT 2
AMENDMENT 2

1995-01

Amendement 2

**Appareils mesureurs électriques indicateurs
analogiques à action directe et leurs accessoires**

Partie 9:
Méthodes d'essai recommandées
(standards.iteh.ai)

Amendment 2
<https://standards.iteh.ai/catalog/standards/sist/8e3afc88-cd66-4f1c-b2b5-0a7d8e546356/sist-en-60051-9-1995-a2-1999>

**Direct acting indicating analogue electrical-
measuring instruments and their accessories**

Part 9:
Recommended test methods

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International Electrotechnical Commission
Международная Электротехническая Комиссия

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FOREWORD

This amendment has been prepared by IEC technical committee 85: Measuring equipment for electromagnetic quantities.

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

DIS	Report on voting
85(CO)65	85/47/RVD

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

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Replacement:

4.14.1.1 Procedure

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- 1) Condition the instrument and its non-interchangeable accessories under reference conditions, without excitation, for at least 4 h.
 - 2) Apply a constant value of excitation with tapping that will bring the index to a scale mark as specified in 6.3.1 of Part 1. Record the value of the excitation (B_R) after at least 1 min but less than 3 min of excitation.
 - 3) After at least 30 min but less than 35 min of excitation, readjust the excitation to bring the index to the same scale mark as in step 2) with tapping. Record the value of the excitation (B_X).

NOTE – In case of doubt, and by agreement between the supplier and the purchaser, the self-heating test may be extended. A maximum period of 6 h is suggested.
