



**SLOVENSKI STANDARD**  
**SIST EN 60068-2-45:2001/A1:2001**  
**01-september-2001**

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**Basic environmental testing procedures - Part 2: Tests - Test XA and guidance: Immersion in cleaning solvents (IEC 68-2-45:1980/A1:1993)**

Environmental testing -- Part 2: Tests - Test Xa and guidance: Immersion in cleaning solvents

Umweltprüfungen -- Teil 2: Prüfungen - Prüfung XA und Leitfaden: Tauchen in flüssige Reinigungsmittel

Essais fondamentaux climatiques et de robustesse mécanique -- Partie 2: Essais - Essai XA et guide: Immersion dans les solvants de nettoyage

<https://standards.iteh.ai/catalog/standards/sist/24bb20b3-fc31-4207-8be0-c29d552edff1/sist-en-60068-2-45-2001-a1-2001>

**Ta slovenski standard je istoveten z: EN 60068-2-45:1992/A1:1993**

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**ICS:**

19.040	Preskušanje v zvezi z okoljem	Environmental testing
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<b>SIST EN 60068-2-45:2001/A1:2001</b>	<b>en</b>
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EUROPEAN STANDARD

EN 60068-2-45/A1

NORME EUROPEENNE

EUROPÄISCHE NORM

July 1993

UDC 621.3:620.193.44

Descriptors: Electricity, components, cleaning, de-greasing with solvents, cleaning solvents, procedures, components specifications writing

Amendment A1 to the English version of EN 60068-2-45

Basic environmental testing procedures

Part 2: Tests

Test XA and guidance: Immersion in cleaning solvents

(IEC 68-2-45:1980/A1:1993)

Essais fondamentaux climatiques

et de robustesse mécanique

Partie 2: Essais

Essai XA et guide: Immersion

dans les solvants de nettoyage

(CEI 68-2-45:1980/A1:1993)

Umweltprüfungen

Teil 2: Prüfungen

Prüfung XA und Leitfaden:

Tauchen in flüssige

Reinigungsmittel

(IEC 68-2-45:1980/A1:1993)

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This amendment A1 modifies the European Standard EN 60068-2-45:1992. It was approved by CENELEC on 1993-07-06. 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.

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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EN 60068-2-45:1992/A1:1993

#### FOREWORD

The text of document 50(CO)257, as prepared by IEC technical committee 50: Environmental testing, was submitted to the IEC-CENELEC parallel vote in January 1992.

The reference document was approved by CENELEC as A1 to EN 60068-2-45 on 6 July 1993.

The following dates were fixed:

- latest date of publication of  
an identical national standard (dop) 1994-07-01
- latest date of withdrawal of  
conflicting national standards (dow) 1994-07-01

#### ENDORSEMENT NOTICE

## iTeh STANDARD PREVIEW

The text of amendment 1:1993 to the International Standard IEC 68-2-45:1980 was approved by CENELEC as an amendment to the European Standard without any modification.

SIST EN 60068-2-45:2001/A1:2001

<https://standards.iteh.ai/catalog/standards/sist/24bb20b3-fc31-4207-8be0-c29d552edff1/sist-en-60068-2-45-2001-a1-2001>

NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC  
68-2-45

1980

AMENDEMENT 1  
AMENDMENT 1

1993-02

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Amendement 1

**Essais fondamentaux climatiques et de  
robustesse mécanique**

iTeh STANDARD PREVIEW  
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**Partie 2: Essais**  
**Essai XA et guide: Immersion dans les solvants  
de nettoyage**

[SIST EN 60068-2-45:2001/A1:2001](https://standards.iteh.ai/catalog/standards/sist/24bb20b3-fc31-4207-8be0-c29d552edc17/sist-en-60068-2-45-2001-a1-2001)

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**Amendment 1**

**Basic environmental testing  
procedures**

**Part 2: Tests**  
**Test XA and guidance: Immersion in cleaning  
solvents**

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International Electrotechnical Commission  
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## FOREWORD

This amendment has been prepared by IEC technical committee 50: Environmental testing.

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

DIS	Report on Voting
50(CO)257	50(CO)259

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

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### 3.1 Solvents

*Replace the existing text by the following:*

Three commonly used solvents are specified for the purpose of this test.

NOTE - Successful compliance with this test does not imply resistance to other solvents.

#### Subclause 3.1.1

*At the end of this sub-clause add the following sentence:*

Warning: the component 1,1,2-trichlorotrifluoroethane is hazardous to the environment; therefore this solvent shall not be used where the solvent specified in sub-clause 3.1.2 is adequate.

*Add the following new sub-clause 3.1.2:*

3.1.2 Propan-2-ol (isopropyl alcohol) – industrial use – shall be used whenever possible.

NOTE - This solvent is obtainable as a finished product from suppliers of chemicals.

*Renumber the existing sub-clause 3.1.2 as 3.1.3.*

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