



**SLOVENSKI STANDARD**  
**SIST EN 60068-2-52:2001**  
**01-september-2001**

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**Environmental testing - Part 2: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution)**

Environmental testing -- Part 2: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution)

Umweltprüfungen -- Teil 2: Prüfverfahren - Prüfung Kb: Salznebel, zyklisch (Natriumchloridlösung)

Essais d'environnement -- Partie 2: Essais - Essai Kb: Brouillard salin, essai cyclique (solution de chlorure de sodium)

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**Ta slovenski standard je istoveten z: EN 60068-2-52:1996**

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**ICS:**

19.040	Preskušanje v zvezi z okoljem	Environmental testing
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**SIST EN 60068-2-52:2001**

**en**

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Descriptors: Components, equipments, environmental tests, corrosion test, cyclic test, salt mist, sodium chloride solution, test procedures, drafting component standards, drafting equipment standards

English version

**Environmental testing**  
**Part 2: Tests - Test Kb: Salt mist, cyclic**  
**(sodium chloride solution)**  
**(IEC 68-2-52:1996)**

Essais d'environnement  
Partie 2: Essais - Essai Kb: Brouillard  
salin, essai cyclique (solution de  
chlorure de sodium)  
(CEI 68-2-52:1996)

Umweltprüfungen  
Teil 2: Prüfverfahren  
Prüfung Kb: Salznebel, zyklisch  
(Natriumchloridlösung)  
(IEC 68-2-52:1996)

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This European Standard was approved by CENELEC on 1996-03-05. 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, 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

### Foreword

The text of document 50B/363/FDIS, future edition 2 of IEC 68-2-52, prepared by SC 50B, Climatic tests, of IEC TC 50, Environmental testing, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60068-2-52 on 1996-03-05.

This European Standard supersedes HD 323.2.52 S1:1987.

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) 1996-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1996-12-01

Annexes designated "normative" are part of the body of the standard.  
In this standard, annex ZA is normative.  
Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the International Standard IEC 68-2-52:1996 was approved by CENELEC as a European Standard without any modification.

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**Annex ZA (normative)**

**Normative references to international publications  
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 68-1	1988	Environmental testing Part 1: General and guidance	EN 60068-1 <sup>1)</sup>	1994
IEC 68-2-3	1969	Part 2: Tests -- Test Ca: Damp heat, steady state	HD 323.2.3 S2 <sup>2)</sup>	1987
IEC 355	1971	An appraisal of the problems of accelerated testing for atmospheric corrosion	-	-

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1) EN 60068-1 includes the corrigendum October 1988 and A1:1992 to IEC 68-1.

2) HD 323.2.3 S2 includes A1:1984 to IEC 68-2-3.

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NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC

60068-2-52

Deuxième édition  
Second edition  
1996-01

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BASIC SAFETY PUBLICATION  
PUBLICATION FONDAMENTALE DE SÉCURITÉ

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**Essais d'environnement –**

**Partie 2-52:**

**Essais – Essai Kb: Brouillard salin,  
essai cyclique (solution de chlorure de sodium)**

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**Environmental testing –**

**Part 2-52:**

**Tests – Test Kb: Salt mist, cyclic  
(sodium chloride solution)**



Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

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Essais d'environnement

Partie 2: Essais – Essai Kb: Brouillard salin,  
essai cyclique (solution de chlorure  
de sodium)

Environmental testing

Part 2: Tests – Test Kb: Salt mist, cyclic  
(sodium chloride solution)

## CORRIGENDUM 1

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	Page 7
<i>Correction en anglais uniquement</i>	<b>1 Scope</b>
	<i>In the second paragraph, first line, instead of ...in metallic... read ...on metallic...</i>
Page 6	
<i>Dans le troisième alinéa, sixième ligne, au lieu de ... (2) ... lire ... (2) ..., et au lieu de ... (3) ... lire ... (3) ...</i>	<i>In the third paragraph, fifth line, instead of ... (2) ... read ... (2) ..., and instead of ... (3) ... read ... (3) ...</i>
Page 8	Page 9
<b>3 Description générale de l'essai</b>	<b>3 General description of the test</b>
<i>Dans le deuxième alinéa, troisième ligne, supprimer le mot ...immédiatement...</i>	<i>In the second paragraph, third line, delete the word ...immediately...</i>
Page 14	Page 15
Paragraphe 6.3.	Subclause 6.3
<i>Au lieu de Une vue d'ensemble de l'échelle temporelle schématique... lire: Une vue du schéma d'ensemble de l'échelle temporelle.</i>	<i>Instead of A survey of the schematic time-scale... read: A schematic survey of time-scale...</i>
Page 18	Page 19
<b>12 Renseignements que doit fournir la spécification particulière</b>	<b>12 Information to be given in the relevant specification</b>
<i>Dans l'énumération:</i>	<i>In the list:</i>
<i>– au point a), supprimer l'astérisque pour lire ...en 5.1.1...</i>	<i>– item a), delete the asterisk, for to read ... in 5.1.1...</i>
<i>– au point c), ajouter un astérisque pour lire ...initiales* ...</i>	<i>– item c), add an asterisk. for to read ...measurements* ...</i>
Page 20, figure 1	<i>Correction in the French text only</i>
<i>Dans le titre, supprimer le mot «schématique» pour lire: Echelle temporelle des différentes sévérités (1) à (6)</i>	
<i>Dans le schémas, pour les sévérités (4), (5) et (6), ajouter = 14 jours, = 28 jours et = 56 jours respectivement après 2 cycles d'essai, 4 cycles d'essai et 8 cycles d'essai.</i>	<i>In the diagram, for severities (4), (5) and (6), add = 14 days, = 28 days, = 56 days after 2 test cycles, 4 test cycles, 8 test cycles respectively.</i>



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