



SLOVENSKI STANDARD
SIST EN IEC 60068-2-11:2021

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Okoljsko preskušanje - 2-11. del: Preskusi - Preskus Ka: Slana megla (IEC 60068-2-11:2021)

Environmental testing - Part 2-11: Tests - Test Ka: Salt mist (IEC 60068-2-11:2021)

Umgebungseinflüsse - Teil 2-11: Prüfverfahren - Prüfung Ka: Salznebe (IEC 60068-2-11:2021)

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Essais fondamentaux climatiques et de robustesse mécanique - Partie 2-11: Essais - Essai Ka: Brouillard salin (IEC 60068-2-11:2021)

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Ta slovenski standard je istoveten z: EN IEC 60068-2-11:2021

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19.040 Preskušanje v zvezi z Environmental testing
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EUROPEAN STANDARD

EN IEC 60068-2-11

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 60068-2-11:1999 and all of its
amendments and corrigenda (if any)

English Version

Environmental testing - Part 2-11: Tests - Test Ka: Salt mist (IEC 60068-2-11:2021)

Essais d'environnement - Partie 2-11: Essais - Essai Ka:
Brouillard salin
(IEC 60068-2-11:2021)

Umgebungseinflüsse - Teil 2-11: Prüfverfahren - Prüfung
Ka: Salznebel
(IEC 60068-2-11:2021)

This European Standard was approved by CENELEC on 2021-04-07. 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.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 60068-2-11:2021 (E)**European foreword**

The text of document 104/888/FDIS, future edition 4 of IEC 60068-2-11, prepared by IEC/TC 104 "Environmental conditions, classification and methods of test" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60068-2-11:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022-01-07
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-04-07

This document supersedes EN 60068-2-11:1999 and all of its amendments and corrigenda (if any).

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

IEC 60068-2-52	NOTE	Harmonized as EN IEC 60068-2-52
ISO 8407	NOTE	Harmonized as EN ISO 8407
ISO 9227	NOTE	Harmonized as EN ISO 9227

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-1	-	Environmental testing - Part 1: General and guidance	EN 60068-1	-

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IEC 60068-2-11

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NORME INTERNATIONALE

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Part 2-11: Tests – Test Ka: Salt mist
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Essais d'environnement – **STANDARD PREVIEW**
Partie 2-11: Essais – Essai Ka: Brouillard salin
<https://standards.iteh.ai/catalog/standards/sist/en-iec-60068-2-11-2021/990348b-55d5-41d1-95c5-6ac900d65517/sist-en-iec-60068-2-11-2021>

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ENVIRONMENTAL TESTING –

Part 2-11: Tests – Test Ka: Salt mist

FOREWORD

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IEC 60068-2-11 has been prepared by IEC technical committee 104: Environmental conditions, classification and methods of test. It is an International Standard.

This fourth edition cancels and replaces the third edition published in 1981. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) the preparation of the salt solution has been modified;
- b) the temperature of the solution for measuring pH has been modified;
- c) the atomizing pressure and water temperature of the saturation tower have been added and are given in Table 1;
- d) test report details have been modified;
- e) examples of typical test apparatus have been added and are given in Annex A;

- f) a method for evaluating corrosivity of the apparatus has been added and is given in Annex B;
- g) a bibliography has been added.

The text of this International Standard is based on the following documents:

Draft	Report on voting
104/888/FDIS	104/892/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

A list of all parts in the IEC 60068 series, published under the general title *Environmental testing*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, <https://standards.iteh.ai/catalog/standards/sist/7990348b-55d5-41d1-3126-000d65517/sist-en-iec-60068-2-11-2021>
- replaced by a revised edition or
- amended.

INTRODUCTION

The object of the test specified in this document is to compare the resistance of electrotechnical equipment to deterioration from salt mist.

It is useful for evaluating the quality and uniformity of protective coatings.

The relationship between the deterioration provided by this test and long-term exposure of electrotechnical equipment to salt laden atmospheres cannot be readily determined. Consequently, the test cannot be reliably used to quantify the long-term aging of electrotechnical equipment. However, as the test commonly accelerates deterioration from salt mist, it does provide a useful means of comparing resistance of electrotechnical equipment to deterioration from salt laden atmospheres.

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