

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

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**Environmental testing –  
Part 2-11: Tests – Test Ka: Salt mist**

**Essais d'environnement –  
Partie 2-11: Essais – Essai Ka: Brouillard salin**





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## ENVIRONMENTAL TESTING –

## Part 2-11: Tests – Test Ka: Salt mist

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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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

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- reconfirmed,
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## 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.