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Environmental testing - Part 3-14: Supporting documentation and guidance - Developing a climatic sequential test

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/25

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EUROPEAN STANDARD

**EN IEC 60068-3-14**

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2025

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English Version

**Environmental testing - Part 3-14: Supporting documentation  
and guidance - Developing a climatic sequential test  
(IEC 60068-3-14:2025)**

Essais d'environnement - Partie 3-14: Documentation  
d'accompagnement et recommandations - Élaboration d'un  
essai climatique séquentiel  
(IEC 60068-3-14:2025)

Umgebungseinflüsse - Teil 3-14: Unterstützende  
Dokumentation und Leitfaden - Entwickeln einer Klima-  
Tests-Abfolge  
(IEC 60068-3-14:2025)

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**EN IEC 60068-3-14:2025 (E)****European foreword**

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IEC 60068-1:2013	NOTE	Approved as EN 60068-1:2014 (not modified)
IEC 60068-2 (series)	NOTE	Approved as EN IEC 60068-2 (series)
IEC 60721-1	NOTE	Approved as EN 60721-1
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IEC 60068-3-14

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# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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**Environmental testing –  
Part 3-14: Supporting documentation and guidance – Developing a climatic  
sequential test**

**Essais d'environnement –  
Partie 3-14: Documentation d'accompagnement et recommandations –  
Élaboration d'un essai climatique séquentiel**



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**Environmental testing -  
Part 3-14: Supporting documentation and guidance -  
Developing a climatic sequential test**

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

Draft	Report on voting
104/1100/FDIS	104/1124/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.

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## INTRODUCTION

The IEC 60068-2 series includes a variety of single and combined climatic condition tests. Some of these tests can give cumulative effects or hysteretic effects, causing the unit-under-test to deteriorate, and making it more vulnerable to subsequent tests. Thus, determining the sequence of tests has a significant influence on the conclusion of a composite test.

This subpart of IEC 60068-3 provides guidance for developing a climatic sequential test for a certain type of product (electrical, electromechanical or electronic equipment and devices, as well as their subassemblies, constituent parts and components). It is written for technicians, engineers and managers in environment testing, and for those who need to understand the results of climatic sequential tests.

With the increasing importance of the IEC Quality Assessment System for Electronic Components (IECQ), it has become necessary to define the test sequence more precisely than it could be done in IEC 60068-1:2013, Clause 7, in order to provide a satisfactory reproducibility of the test. This document describes in detail a composite test specifying a "climatic sequence" for product specimens. It includes guidance in informative annexes for specification writers and those performing the test.

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## 1 Scope

This part of IEC 60068 describes a generic process for developing a climatic sequential test programme by sequencing test methods selected from the IEC 60068-2 series.

This generic process comprises a systematic approach to the development of a sequential environmental test programme.

A climatic sequential test is applicable to electrical, electromechanical or electronic equipment and devices, as well as their subassemblies, constituent parts and components. It can be customized according to specific product requirements and applications.

The process is designed for use by product designers, manufacturers and users.

The process is particularly relevant to electrical products which include components or materials that have the potential to degrade, as a consequence of environmental exposures.

## 2 Normative references

There are no normative references in this document.

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