



**International  
Standard**

**ISO 11093-2**

**Paper and board — Testing of cores —  
Part 2:  
Conditioning of test samples**

*Papier et carton — Essais des mandrins —  
Partie 2: Conditionnement des échantillons pour essai*

**Second edition  
2025-10**

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ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 6, *Paper, board and pulps*.

This second edition cancels and replaces the first edition (ISO 11093-2:1994), which has been technically revised.

The main changes are as follows:

- replacement of “climatic chambers” with “conditioning rooms” in [Clause 5](#);
- update of [Clause 6](#).

A list of all parts in the ISO 11093 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

# Paper and board — Testing of cores —

## Part 2: Conditioning of test samples

### 1 Scope

This document specifies the conditioning atmospheres to be used for conditioning and testing cores based on ISO 187.

### 2 Normative references

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.

ISO 187:2022, *Paper, board and pulps — Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples*

### 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

#### 3.1 conditioning

establishing a moisture equilibrium between the test piece and a conditioning atmosphere of a specified temperature and relative humidity

Note 1 to entry: The moisture equilibrium is required to establish a stable physical state of the cores. Under certain circumstances, conditioning may have to be prolonged until the desired physical state has been attained. Such circumstances, however, are not within the scope of this document.

### 4 Conditioning atmosphere

See [Table 1](#).

**Table 1 — Conditioning atmosphere**

Designation	Temperature °C	Relative humidity %	Remark
23/50	23 ± 1	50 ± 2	Preferred atmosphere
27/65	27 ± 1	65 ± 2	For tropical countries