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## **Tobacco and tobacco products — Atmosphere for conditioning and testing**

*Tabac et produits du tabac — Atmosphère de conditionnement et  
d'essai*



Reference number  
ISO 3402:2023(E)

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

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 126, *Tobacco and tobacco products*.

This fifth edition cancels and replaces the fourth edition (ISO 3402:1999), which has been technically revised.

The main changes are as follows:

- editorial changes have been applied to the Scope;
- the mandatory Normative references clause ([Clause 2](#)) has been added;
- the Terms and definitions have been harmonized with ISO 4387, and these terms have been consistently used throughout the document;
- the main header Atmosphere specifications (see [Clause 4](#)) was created for Conditioning atmosphere and Test atmosphere (renumbered as [4.1](#) and [4.2](#), respectively); the text in these subclauses was editorially revised for clarity, consistency, and references to withdrawn standards have been removed;
- duration of conditioning has been revised for clarity; text describing long term storage has been removed since this document is not for storage of tobacco products;
- references in the Bibliography have been removed; they did not support this document or were for standards that have been withdrawn.

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).

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## Introduction

The results of certain tests of tobacco, tobacco products, and specific materials used in the manufacture of tobacco products are affected by environmental conditions such as temperature and humidity. Therefore, standardization of the environmental conditions is required to assure comparable results for these tests.