

<b>STN</b>	<b>Dosky na báze dreva Stanovenie uvoľňovania formaldehydu Časť 3: Metóda analýzy plynov (ISO 12460-3: 2023)</b>	<b>STN EN ISO 12460-3</b>  49 2657
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Wood-based panels - Determination of formaldehyde release - Part 3: Gas analysis method (ISO 12460-3:2023)

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. 11/23

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English Version

**Wood-based panels - Determination of formaldehyde release - Part 3: Gas analysis method (ISO 12460-3:2023)**

Panneaux à base de bois - Détermination du dégagement de formaldéhyde - Partie 3: Méthode d'analyse de gaz (ISO 12460-3:2023)

Holzwerkstoffe - Bestimmung der Formaldehydabgabe - Teil 3: Gasanalyse-Verfahren (ISO 12460-3:2023)

This European Standard was approved by CEN on 6 August 2023.

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**EN ISO 12460-3:2023 (E)**

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## **European foreword**

This document (EN ISO 12460-3:2023) has been prepared by Technical Committee ISO/TC 89 "Wood-based panels" in collaboration with Technical Committee CEN/TC 112 "Wood-based panels" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2024, and conflicting national standards shall be withdrawn at the latest by March 2024.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 12460-3:2020.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

## **Endorsement notice**

The text of ISO 12460-3:2023 has been approved by CEN as EN ISO 12460-3:2023 without any modification.

# INTERNATIONAL STANDARD

# ISO 12460-3

Fourth edition  
2023-09

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## Wood-based panels — Determination of formaldehyde release —

### Part 3: Gas analysis method

*Panneaux à base de bois — Détermination du dégagement de  
formaldéhyde —*

*Partie 3: Méthode d'analyse de gaz*



Reference number  
ISO 12460-3:2023(E)

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## ISO 12460-3:2023(E)

### 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 89, *Wood based panels*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 112, *Wood based panels*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 12460-3:2020), which has been technically revised.

The main changes are as follows:

- laser spectroscopy introduced as a further analytical procedure;
- ready to use formaldehyde standards considered in [8.4.4.3](#).

A list of all parts in the ISO 12460 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).

# Wood-based panels — Determination of formaldehyde release —

## Part 3: Gas analysis method

### 1 Scope

This document specifies a procedure for determination of accelerated formaldehyde release from uncoated and coated wood-based panels using the gas analysis method. The procedure is also suitable for the testing of other materials (e.g. edge bands, floor coverings, foams, foils, laminated wood products, veneered wood products, coated wood products).

### 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 16979, *Wood-based panels — Determination of moisture content*

ISO 16999, *Wood-based panels — Sampling and cutting of test pieces*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**