

STN	Tuhé biopalivá Špecifikácie a triedy palív Časť 5: Triedené palivové drevo (ISO 17225-5: 2026)	STN EN ISO 17225-5 65 7403
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Solid biofuels - Fuel specifications and classes - Part 5: Graded firewood (ISO 17225-5:2026)

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. 06/26

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EN ISO 17225-5

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Supersedes EN ISO 17225-5:2021

English Version

**Solid biofuels - Fuel specifications and classes - Part 5:
Graded firewood (ISO 17225-5:2026)**

Biocombustibles solides - Classes et spécifications des
combustibles - Partie 5: Classes de bois de chauffage
(ISO 17225-5:2026)

Biogene Festbrennstoffe - Brennstoffspezifikationen
und -klassen - Teil 5: Klassifizierung von Stückholz
(ISO 17225-5:2026)

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COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN ISO 17225-5:2026) has been prepared by Technical Committee ISO/TC 238 "Solid Biofuels and Pyrogenic Biocarbon" in collaboration with Technical Committee CEN/TC 335 "Solid Biofuels and Pyrogenic Biocarbon" the secretariat of which is held by SIS.

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of an identical text or by endorsement, at the latest by October 2026, and conflicting national standards shall be withdrawn at the latest by October 2026.

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 17225-5:2021.

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 17225-5:2026 has been approved by CEN as EN ISO 17225-5:2026 without any modification.



International Standard

ISO 17225-5

Solid biofuels — Fuel specifications and classes —

Part 5: Graded firewood

*Biocombustibles solides — Classes et spécifications des
combustibles —*

Partie 5: Classes de bois de chauffage

**Third edition
2026-04**

ISO 17225-5:2026(en)



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ISO 17225-5:2026(en)**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).

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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.

This document was prepared by Technical Committee ISO/TC 238, *Solid biofuels and Pyrogenic Biocarbon*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 335, *Solid Biofuels and Pyrogenic Biocarbon*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 17225-5:2021), which has been technically revised.

The main changes are as follows:

— moisture in [Table 1](#) has been changed.

A list of all parts in the ISO 17225 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.

ISO 17225-5:2026(en)

Introduction

The objective of the ISO 17225 series is to provide unambiguous and clear classification principles for solid biofuels, to serve as a tool to enable efficient trading of biofuels, to enable good understanding between seller and buyer and as a tool for communication with equipment manufacturers. It also facilitates authority permission, procedures and reporting.

This document supports the use of graded firewood for residential, small commercial and public building applications which require classified firewood quality.

Residential, small commercial and public building appliances require higher quality fuel for the following reasons:

- small-scale equipment does not usually have advanced controls and flue gas cleaning;
- appliances are not generally managed by professional heating engineers;
- appliances are often located in residential and populated districts.

NOTE 1 Firewood produced according to this document can be used in stoves, fireplaces, cookers, room heaters and multifired sauna stoves, which are tested according to European standards EN 13229, ^[1]EN 12815, ^[2]EN 12809, ^[3]EN 13240, ^[4]EN 15250, ^[5]EN 15821, ^[6]EN 16510-2-1, ^[7]EN 16510-2-2, ^[8]EN 16510-2-3, ^[9]EN 16510-2-5, ^[10]EN 16510-2-7, ^[11]EN 16510-2-10, ^[12] and boilers systems tested according to EN 303-5, ^[13]EN 16510-2-4. ^[14]

NOTE 2 For individual contracts, ISO 17225-1 can be used.

Although this document can be used separately, it requires a general understanding of the standards based on and supporting ISO 17225-1. It is recommended to obtain and use ISO 17225-1 in conjunction with this document.

Solid biofuels — Fuel specifications and classes —

Part 5: Graded firewood

1 Scope

This document specifies the fuel quality classes and specifications of graded firewood. This document applies only to firewood produced from the following raw materials (see ISO 17225-1:2021, Table 1):

- 1.1.1 Whole trees without roots;
- 1.1.3 Stemwood;
- 1.1.4 Logging residues (thick branches, tops, etc.);
- 1.2.1 Chemically untreated by-products and residues from wood processing industry.

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 14780, *Solid biofuels — Sample preparation*

ISO 16559, *Solid biofuels — Vocabulary*

ISO 17225-1:2021, *Solid biofuels — Fuel specifications and classes — Part 1: General requirements*

ISO 18134-1, *Solid biofuels — Determination of moisture content — Part 1: Reference method*

ISO 18134-2, *Solid biofuels — Determination of moisture content — Part 2: Simplified method*

ISO 21945, *Solid biofuels — Simplified sampling method for small scale applications*

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