



# SLOVENSKI STANDARD SIST EN ISO 17225-4:2014

01-julij-2014

Nadomešča:  
SIST EN 14961-4:2011

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**Trdna biogoriva - Specifikacije goriv in razredi - 4. del: Razvrščeni lesni sekanci  
(ISO 17225-4:2014)**

Solid biofuels - Fuel specifications and classes - Part 4: Graded wood chips (ISO 17225-4:2014)

Feste Biobrennstoffe - Brennstoffspezifikationen und -klassen - Teil 4: Einteilung von  
Holzhackschnitzeln (ISO 17225-4:2014)

Biocombustibles solides - Classes et spécifications des combustibles - Partie 4: Classes  
de plaquettes de bois (ISO 17225-4:2014)

**Ta slovenski standard je istoveten z: EN ISO 17225-4:2014**

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**ICS:**

27.190	Biološki viri in drugi alternativni viri energije	Biological sources and alternative sources of energy
75.160.10	Trda goriva	Solid fuels

**SIST EN ISO 17225-4:2014** en

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 17225-4**

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ICS 27.190; 75.160.10

Supersedes EN 14961-4:2011

English Version

## Solid biofuels - Fuel specifications and classes - Part 4: Graded wood chips (ISO 17225-4:2014)

Biocombustibles solides - Classes et spécifications des combustibles - Partie 4: Classes de plaquettes de bois (ISO 17225-4:2014)

Feste Biobrennstoffe - Brennstoffspezifikationen und -klassen - Teil 4: Einteilung von Holzhackschnitzeln (ISO 17225-4:2013)

This European Standard was approved by CEN on 29 March 2014.

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COMITÉ EUROPÉEN DE NORMALISATION  
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**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## Foreword

This document (EN ISO 17225-4:2014) has been prepared by Technical Committee ISO/TC 238 “Solid biofuels” in collaboration with Technical Committee CEN/TC 335 “Solid biofuels” 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of an identical text or by endorsement, at the latest by November 2014, and conflicting national standards shall be withdrawn at the latest by November 2014.

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

This document supersedes EN 14961-4:2011.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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The text of ISO 17225-4:2014 has been approved by CEN as EN ISO 17225-4:2014 without any modification.

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ISO  
17225-4

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**Solid biofuels — Fuel specifications  
and classes —**

**Part 4:  
Graded wood chips**

*Biocombustibles solides — Classes et spécifications des  
combustibles —*

**iTeh STANDARD PREVIEW**  
*Partie 4: Classes de plaquettes de bois*  
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## ISO 17225-4:2014(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 on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 238, *Solid biofuels*.

ISO 17225 consists of the following parts, under the general title *Solid biofuels — Fuel specifications and classes*:

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- *Part 1: General requirements*
- *Part 2: Graded wood pellets*
- *Part 3: Graded wood briquettes*
- *Part 4: Graded wood chips*
- *Part 5: Graded firewood*
- *Part 6: Graded non-woody pellets*
- *Part 7: Graded non-woody briquettes*

## 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 as well as a tool for communication with equipment manufacturers. It also facilitates authority permission procedures and reporting.

This part of ISO 17225 supports the use of graded wood chips for residential, small commercial and public building applications.

The residential, small commercial and public building applications require higher quality fuel for the following reasons:

- Small-scale equipment usually does not 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 Wood chips produced according to this part of ISO 17225 may be used in boilers tested according to EN 303-5<sup>[1]</sup>.

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

Although these product standards may be obtained separately, they require 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 these standards.

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