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Standards

Irish Standard  
I.S. EN 14961-5:2011

# Solid biofuels - Fuel specifications and classes - Part 5: Firewood for non-industrial use

## I.S. EN 14961-5:2011

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English Version

## Solid biofuels - Fuel specifications and classes - Part 5: Firewood for non-industrial use

Biocombustibles solides - Classes et spécifications des combustibles - Partie 5: Bois de chauffage à usage non industriel

Feste Biobrennstoffe - Brennstoffspezifikationen und -klassen - Teil 5: Stückholz für nichtindustrielle Verwendung

This European Standard was approved by CEN on 18 January 2011.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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<b>Contents</b>		<b>Page</b>
<b>Foreword</b> .....		<b>3</b>
<b>Introduction</b> .....		<b>4</b>
<b>1 Scope</b> .....		<b>5</b>
<b>2 Normative references</b> .....		<b>5</b>
<b>3 Terms and definitions</b> .....		<b>5</b>
<b>4 Symbols and abbreviations</b> .....		<b>6</b>
<b>5 Specification of firewood for non-industrial use</b> .....		<b>6</b>
<b>Annex A (informative) Comparison of moisture content as received and dry basis</b> .....		<b>9</b>
<b>Annex B (informative) Comparison of different cubic meters</b> .....		<b>11</b>
<b>Bibliography</b> .....		<b>12</b>

## Foreword

This document (EN 14961-5:2011) has been prepared by 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of an identical text or by endorsement, at the latest by September 2011, and conflicting national standards shall be withdrawn at the latest by September 2011.

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.

The European standard series EN 14961 *Solid biofuels — Fuel specifications and classes* are provided as general requirements and additional product standards. Additional product standards may extend this series over time.

EN 14961 consists of the following parts, under the general title *Solid biofuels — Fuel specifications and classes*:

- *Part 1: General requirements;*
- *Part 2: Wood pellets for non-industrial use;*
- *Part 3: Wood briquettes for non-industrial use;*
- *Part 4: Wood chips for non-industrial use;*
- *Part 5: Firewood for non-industrial use;*
- *Part 6: Non woody pellets for non-industrial use (under development).*

Although these product standards may be obtained separately, they require a general understanding of the standards based on and supporting EN 14961-1. It is recommended to obtain and use EN 14961-1 in conjunction with these standards.

**NOTE** In these product standards, non-industrial use means fuel intended to be used in small-scale appliances, such as in households and small commercial and public sector buildings.

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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

## **Introduction**

This European Standard for "Fuel Specifications and Classes — Part 5 Firewood for non-industrial use" has been produced by CEN/TC 335 Solid Biofuels Working group "Fuel Specifications, Classes and Quality Assurance".

The objective of this European Standard is to provide unambiguous and clear classification principles for solid biofuels, to serve as a tool to enable efficient trading of biofuels and to enable good understanding between seller and buyer as well as a tool for communication with equipment manufacturers. It will also facilitate authority permission procedures and reporting.

This European Standard is made to support the use of firewood in non-industrial situations and specifically for the domestic/householder market and smaller commercial boiler situations, where sensitivity to the fuel quality can cause major issues. These consumers need special consideration for the following reasons:

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

NOTE Firewood produced according to this European Standard can be used in stoves, fireplaces, cookers, roomheaters and multifired sauna stoves, which are tested according to EN 13229, EN 12815, EN 12809, EN 13240, EN 15250 and EN 15821, and boilers systems tested according to EN 303-5 ( $\leq 500 \text{ kW}_{th}$ ).

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