

norm**NEN-EN 14961-5**

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

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NORME EUROPÉENNE
EUROPÄISCHE NORM

FINAL DRAFT
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June 2010

ICS 75.160.10

Will supersede CEN/TS 14961:2005

English Version

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

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

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Orbbeel
Preview

Foreword

This document (FprEN 14961-5:2010) has been prepared by Technical Committee CEN/TC 335 "Solid biofuels", the secretariat of which is held by SIS.

This document is currently submitted to the Unique Acceptance Procedure.

This document will replace CEN/TS 14961:2005.

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* (under development);
- *Part 3: Wood briquettes for non-industrial use* (under development);
- *Part 4: Wood chips for non-industrial use* (under development);
- *Part 5: Firewood for non-industrial use* (under development);
- *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.

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 FprEN 15821, and boilers systems tested according to EN 303-5 ($\leq 500 \text{ kW}_{\text{th}}$).

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