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Solid biofuels - Fuel quality assurance - Part 4: Wood chips for non-industrial use

I.S. EN 15234-4:2012

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Solid biofuels - Fuel quality assurance - Part 4: Wood chips for non-industrial use

Biocombustibles solides - Assurance qualité du combustible - Partie 4: Plaquettes de bois à usage non industriel

Feste Biobrennstoffe - Qualitätssicherung von Brennstoffen - Teil 4: Holzhackschnitzel für nichtindustrielle Verwendung

This European Standard was approved by CEN on 27 November 2011.

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Foreword

This document (EN 15234-4:2012) 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of an identical text or by endorsement, at the latest by July 2012, and conflicting national standards shall be withdrawn at the latest by July 2012.

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 has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

The European standard series EN 15234, *Solid biofuels — Fuel quality assurance* are provided as a general requirements and additional product standards. Additional product standards may extend this series over time.

EN 15234 consists of the following parts, under the general title *Solid biofuels — Fuel quality assurance*:

- *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.*

Although these product standards may be obtained separately, it should be recognized that they require an understanding of the standards based on and supporting EN 15234-1. It is recommended to obtain and use EN 15234-1 in conjunction with these standards.

NOTE In these product standards, non-industrial use means - use in smaller scale appliances, such as in households, in 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, Turkey and United Kingdom.

Introduction

The overall aim of this European Standard is to guarantee the wood chips quality through the whole supply chain, from the origin and source to the delivery of the solid biofuel and provide adequate confidence that specified quality requirements are fulfilled.

The objective of this European Standard is to serve as a tool to enable the efficient trading of wood chips. Thereby:

- 1) the end-user can find wood chips that corresponds to its needs;
- 2) the producer/supplier can produce wood chips with defined and consistent properties and describe the fuel to the customers.

Quality assurance measures should establish confidence in the wood chips through systems that are simple to operate and do not cause undue bureaucracy.

Wood chips are specified according to EN 14961-4, *Solid biofuels — Fuel specifications and classes — Part 4: Wood chips for non-industrial use*.

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