



**NSAI**  
Standards

Irish Standard  
I.S. EN 14780:2011

# Solid biofuels - Sample preparation

## I.S. EN 14780:2011

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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*This document replaces:*  
CEN/TS 14780:2005

*This document is based on:*  
EN 14780:2011

*Published:*  
27 June, 2011

This document was published  
under the authority of the NSAI  
and comes into effect on:  
27 June, 2011

ICS number:  
75.160.10

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I.S. EN 14780:2011

EUROPEAN STANDARD

**EN 14780**

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2011

ICS 75.160.10

Supersedes CEN/TS 14780:2005

English Version

## Solid biofuels - Sample preparation

Biocombustibles solides - Préparation des échantillons

Feste Biobrennstoffe - Probenherstellung

This European Standard was approved by CEN on 5 May 2011.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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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## **Foreword**

This document (EN 14780:2011) 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of an identical text or by endorsement, at the latest by December 2011, and conflicting national standards shall be withdrawn at the latest by December 2011.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.

This document supersedes CEN/TS 14780:2005.

This document differs from CEN/TS 14780:2005 mainly as follows:

- a) results of interlaboratory tests are supplemented as informative annexes;
- b) new definitions for sampling are introduced;
- c) a method for determining the minimum number of increments for sampling is included;
- d) the whole document is restructured and editorially revised;
- e) decision schemes are updated;
- f) updated normative references are included.

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**

Biofuels are a major source of renewable energy. European Standards are needed for production, trade and use of solid biofuels. For sampling and sample preparation of biofuels the following European Standards can be used:

EN 14778, *Solid biofuels – Sampling*

EN 14780, *Solid biofuels – Sample preparation*

This European Standard can be used in regard to production, controlling and analysis of solid biofuels in general.

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