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Solid biofuels - Determination of moisture content - Oven dry method - Part 1: Total moisture - Reference method (ISO 18134-1:2015)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/16

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English Version

**Solid biofuels - Determination of moisture content - Oven dry method - Part 1: Total moisture - Reference method
(ISO 18134-1:2015)**

Biocarburants solides - Dosage de la teneur en humidité - Méthode de séchage à l'étuve - Partie 1: Humidité totale - Méthode de référence (ISO 18134-1:2015)

Biogene Festbrennstoffe - Bestimmung des Wassergehaltes - Ofentrocknung - Teil 1: Gesamtgehalt an Wasser - Referenzverfahren (ISO 18134-1:2015)

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Contents	Page
European foreword.....	3

European foreword

This document (EN ISO 18134-1:2015) 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of an identical text or by endorsement, at the latest by March 2016, and conflicting national standards shall be withdrawn at the latest by March 2016.

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Endorsement notice

The text of ISO 18134-1:2015 has been approved by CEN as EN ISO 18134-1:2015 without any modification.

**Solid biofuels — Determination
of moisture content — Oven dry
method —**

Part 1:
Total moisture — Reference method

*Biocarburants solides — Dosage de la teneur en humidité — Méthode
de séchage à l'étuve —*

Partie 1: Humidité totale — Méthode de référence





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Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Apparatus	2
6 Sample preparation	2
6.1 Sample reduction.....	2
6.2 Pre-dried test sample.....	2
6.3 Size of test portion.....	2
7 Procedure	2
7.1 Handling of test portion.....	2
7.2 Weighing of test portion and correction for buoyancy of trays.....	3
8 Calculation	3
8.1 General.....	3
8.2 Moisture content on a wet basis.....	3
8.3 Moisture content for pre-dried material.....	4
9 Performance characteristics	4
10 Test report	4
Bibliography	5

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).

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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 18134 consists of the following parts under the general title *Solid biofuels — Methods for the determination of moisture content — Oven dry method*:

- *Part 1: Total moisture — Reference method*
- *Part 2: Total moisture — Simplified method*
- *Part 3: Moisture in general analysis sample*

Solid biofuels — Determination of moisture content — Oven dry method —

Part 1: Total moisture — Reference method

1 Scope

This part of ISO 18134 describes the method of determining the total moisture content of a test sample of solid biofuels by drying in an oven and may be used when high precision of the determination of moisture content is necessary. The method described in this International Standard is applicable to all solid biofuels. The moisture content of solid biofuels (as received) is always reported based on the total mass of the test sample (wet basis).

NOTE The term moisture content, when used with biomass materials, can be misleading since untreated biomass frequently contains varying amounts of volatile compounds (extractives) which might evaporate when determining moisture content by oven drying (see References [2] and [3]).

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 16559, *Solid biofuels — Terminology, definitions and descriptions*

EN 14780¹⁾, *Solid biofuels — Sample preparation*

EN 14778²⁾, *Solid biofuels — Sampling*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

1) To be replaced by ISO 14780.

2) To be replaced by ISO 18135.