

SLOVENSKI STANDARD

SIST EN ISO 16993:2015

01-junij-2015

Nadomešča:
SIST EN 15296:2011

Trdna biogoriva - Preračun analiznih rezultatov na različne osnove (ISO 16993:2015)

Solid biofuels - Conversion of analytical results from one basis to another (ISO 16993:2015)

Feste Biobrennstoffe - Umwandlung von Analyseergebnissen einer Bezugsbasis in Ergebnisse mit anderer Bezugsbasis (ISO 16993:2015)

Biocombustibles solides - Conversion de résultats analytiques d'une base en une autre base (ISO 16993:2015)

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Ta slovenski standard je istoveten z: EN ISO 16993:2015

ICS:

27.190	Biološki viri in drugi alternativni viri energije	Biological sources and alternative sources of energy
75.160.10	Trda goriva	Solid fuels

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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 16993

April 2015

ICS 75.160.10; 27.190

Supersedes EN 15296:2011

English Version

Solid biofuels - Conversion of analytical results from one basis to another (ISO 16993:2015)

Biocombustibles solides - Conversion de résultats analytiques d'une base en une autre base (ISO 16993:2015)

Biogene Festbrennstoffe - Umwandlung von Analysenergebnissen einer Bezugsbasis in Ergebnisse mit anderer Bezugsbasis (ISO 16993:2015)

This European Standard was approved by CEN on 29 November 2014.

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, 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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword.....	3
---------------	---

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[SIST EN ISO 16993:2015](https://standards.iteh.ai/catalog/standards/sist/43f26c67-2878-4cfd-9e1f-4adc31378ccb/sist-en-iso-16993-2015)

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Foreword

This document (EN ISO 16993:2015) 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 October 2015, and conflicting national standards shall be withdrawn at the latest by October 2015.

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 EN 15296:2011.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 16993:2015 has been approved by CEN as EN ISO 16993:2015 without any modification.

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INTERNATIONAL STANDARD

**ISO
16993**

First edition
2015-04-01

Solid biofuels — Conversion of analytical results from one basis to another

*Biocombustibles solides - Conversion de résultats analytiques d'une
base en une autre base*

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Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Symbols and abbreviated terms	2
4 Principle	2
5 Calculations for analyses of solid biofuels	2
5.1 General	2
5.2 Extra calculations for hydrogen, oxygen, and net calorific value	2
5.3 General formulae for the conversion from one basis to another basis	3
Annex A (informative) Tools for integrity check	5
Annex B (informative) Tables with units and conversion factors	8
Annex C (informative) Guideline for the use of validation parameters	9
Bibliography	11

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[SIST EN ISO 16993:2015](https://standards.iteh.ai/catalog/standards/sist/43f26c67-2878-4cfd-9e1f-4adc31378ccb/sist-en-iso-16993-2015)

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ISO 16993:2015(E)

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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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*.

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Introduction

In the ISO Standards covering the analysis of solid biofuels, it is generally specified that the determination is intended to be carried out on the air-dried or in air-equilibrated general analysis test sample prepared according to EN 14780. However, in making use of these analyses, it is necessary to express the results on dry basis and sometimes, also on some other basis. The bases in common use for solid biofuels are “air-dried” (sometimes stated as “as determined”), “as received” (sometimes stated “as sampled” or “as delivered”), “dry”, and “dry, ash free”.

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<https://standards.iteh.ai/catalog/standards/sist/43f26c67-2878-4cfd-9e1f-4adc31378ccb/sist-en-iso-16993-2015>