

SLOVENSKI STANDARD SIST EN ISO 16967:2015

01-julij-2015

Nadomešča:

SIST EN 15290:2011

Trdna biogoriva - Določevanje makro elementov - Al, Ca, Fe, Mg, P, K, Si, Na in Ti (ISO 16967:2015)

Solid biofuels - Determination of major elements - Al, Ca, Fe, Mg, P, K, Si, Na and Ti (ISO 16967:2015)

Biogene Festbrennstoffe - Bestimmung von Hauptelementen - Al, Ca, Fe, Mg, P, K, Si, Na und Ti (ISO 16967:2015) (standards.iteh.ai)

Biocombustibles solides - Détermination des éléments majeurs - Al, Ca, Fe, Mg, P, K, Si, Na et Ti (ISO 16967:2015) standards.iteh.ai/catalog/standards/sist/d4138422-9b4d-4b52-a278-d15613964adf/sist-en-iso-16967-2015

Ta slovenski standard je istoveten z: EN ISO 16967:2015

ICS:

27.190 Biološki viri in drugi Biological sources and

alternativni viri energije alternative sources of energy

75.160.10 Trda goriva Solid fuels

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EUROPEAN STANDARD NORME EUROPÉENNE **EN ISO 16967**

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Solid biofuels - Determination of major elements - Al, Ca, Fe, Mg, P, K, Si, Na and Ti (ISO 16967:2015)

Biocombustibles solides - Détermination des éléments majeurs - Al, Ca, Fe, Mg, P, K, Si, Na et Ti (ISO 16967:2015) Biogene Festbrennstoffe - Bestimmung von Hauptelementen - Al, Ca, Fe, Mg, P, K, Si, Na und Ti (ISO 16967:2015)

This European Standard was approved by CEN on 28 February 2015.

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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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EN ISO 16967:2015 (E)

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EN ISO 16967:2015 (E)

Foreword

This document (EN ISO 16967:2015) 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of an identical text or by endorsement, at the latest by October 2015, and conflicting national standards shall be withdrawn at the latest by October 2015.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 15290:2011.

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 16967:2015 has been approved by CEN as EN ISO 16967:2015 without any modification. (standards.iteh.ai)

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INTERNATIONAL STANDARD

ISO 16967

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Solid biofuels — Determination of major elements — Al, Ca, Fe, Mg, P, K, Si, Na and Ti

Biocombustibles solides — Détermination des éléments majeurs — Al, Ca, Fe, Mg, P, K, Si, Na et Ti

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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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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

The elements described as major elements of solid biofuels are in fact major elements of the fuel ashes more than of the fuels. The determination of these elements can be used to assess ash behaviour in a thermal conversion process or to assess utilization of ashes. Moreover, fuel contamination or process additives are indicated by high values of certain elements. Contamination of fuel with sand or soil is indicated by high values of several elements.

In this International Standard, wet chemical methods are described.

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