

საქართველოს სტანდარტი

ენერჯის მენეჯმენტის სისტემები — მოთხოვნები ენერჯის მენეჯმენტის
სისტემების აუდიტისა და სერტიფიცირების ორგანოების მიმართ

საქართველოს სტანდარტებისა და მეტროლოგიის
ეროვნული სააგენტო
თბილისი

საინფორმაციო მონაცემები

1 დამტკიცებულია და შემოღებულია სამოქმედოდ საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს 2015 წლის 9 ოქტომბრის № 67 და 2015 წლის 09 ივლისის № 46 განკარგულებებით

2 მიღებულია გარეკანის თარგმნის მეთოდით სტანდარტიზაციის საერთაშორისო ორგანიზაციის სტანდარტი ისო 50003:2014 „ენერჯის მენეჯმენტის სისტემები — მოთხოვნები ენერჯის მენეჯმენტის სისტემების აუდიტისა და სერტიფიცირების ორგანოების მიმართ“

3 პირველად

4 რეგისტრირებულია საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 2015 წლის 9 ოქტომბერი №268-1.3-7868

აკრძალულია ამ სტანდარტის გადაცემა მესამე პირებისათვის ან/და მისი სხვა ფორმით გავრცელება

საინფორმაციო ნაწილი. სრული ტექსტის სანახავად შეიძინეთ სტანდარტი.

INTERNATIONAL STANDARD

ISO 50003

First edition
2014-10-15

Energy management systems — Requirements for bodies providing audit and certification of energy management systems

*Systèmes de management de l'énergie — Exigences pour les
organismes procédant à l'audit et à la certification de systèmes de
management de l'énergie*



Reference number
ISO 50003:2014(E)

© ISO 2014

საინფორმაციო ნაწილი. სრული ტექსტის სანახავად შეიძინეთ სტანდარტი.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2014

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Characteristics of energy management system auditing	2
5 Auditing process requirements	2
5.1 General	2
5.2 Confirming the scope of certification	2
5.3 Determining audit time	3
5.4 Multi-site sampling	3
5.5 Conducting audits	3
5.6 Audit report	4
5.7 Initial certification audit	4
5.8 Surveillance audit	4
5.9 Recertification audit	4
6 Competence requirements	4
6.1 General	4
6.2 General competence	5
6.3 Technical competence	5
Annex A (normative) Duration of EnMS audits	8
Annex B (normative) Multi-site sampling	12
Annex C (informative) Continual improvement of energy performance	17
Bibliography	18

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.

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.

ISO 50003 was prepared by Technical Committee ISO/TC 242, *Energy management*, in collaboration with the *ISO Committee on conformity assessment (CASCO)*.

საინფორმაციო ნაწილი. სრული ტექსტის სანახავად შეიძინეთ სტანდარტი.

Introduction

This International Standard is intended to be used in conjunction with ISO/IEC 17021:2011. At the time of publication of this International Standard, ISO/IEC 17021:2011 is under revision and is to be cancelled by replaced by ISO/IEC 17021-1. For the purposes of this International Standard, ISO/IEC 17021:2011 and ISO/IEC 17021-1 are considered to be equivalent. Upon publication of ISO/IEC 17021-1, all references in this International Standard to ISO/IEC 17021:2011 will be considered to be references to ISO/IEC 17021-1.

In addition to the requirements of ISO/IEC 17021:2011, this International Standard specifies requirements reflecting the specific technical area of energy management systems (EnMS) that are needed to ensure the effectiveness of the audit and certification. In particular, this International Standard addresses the additional requirements necessary for the audit planning process, the initial certification audit, conducting the on-site audit, auditor competence, duration of EnMS audits, and multi-site sampling.

[Clause 4](#) describes the characteristics of EnMS auditing, [Clause 5](#) describes EnMS auditing process requirements and [Clause 6](#) describes competence requirements for personnel involved in the EnMS certification process. [Annexes A, B and C](#) provide additional information to complement ISO/IEC 17021:2011. This International Standard deals with energy management system audits for certification purposes, but it does not deal with energy audits whose purpose is to establish a systematic analysis of energy consumption and energy use and which are defined in ISO 50002.