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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*



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

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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.