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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 46561-2025

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

能源管理体系 能源管理体系审核及认证机构要求

(English Translation)

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

This document adopts ISO 50003:2021 "Energy Management Systems - Requirements for Audit and Certification Bodies".

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the National Technical Committee on Standardization of Energy Infrastructure and Management (SAC/TC20).

Introduction

This document is intended to be used in conjunction with GB/T 27021.1-2017.

In addition to the requirements specified in GB/T 27021.1-2017, this document specifies requirements in the area of energy management systems to ensure auditing and...

The validity of certification supports organizations in continuously improving their energy performance (including energy efficiency, energy use, and energy consumption) and energy management systems.

This document covers aspects including the planning process, initial certification audit, on-site audit, auditor competence, audit duration, and multi-site sampling.

The review process, including the sample review, sets forth necessary additional requirements. This document adopts the structure of GB/T 27021.1-2017. Appendix A, Appendix B as a normative appendix, it provides additional information along with informative appendices C and D as a supplement to GB/T 27021.1-2017.

This document is intended for energy management system audits aimed at certification, not for establishing a systematic analysis of energy consumption and use.

Energy audits for analytical purposes (see ISO 50002 for details on energy audits).

The following auxiliary verbs are used in this document.

---"shal" indicates a requirement;

---"" (should) indicates a suggestion;

---"may" means permission;

---",??" (can) indicates possibility or ability.

In this document, unless otherwise specified, the term "place" may be in the singular form, meaning a permanent place (tangible or virtual) or a temporary place.

"" (tangible or virtual) can also have a plural meaning, that is, more than one permanent or temporary place.

Energy Management System Requirements for Energy Management System Audit and Certification Bodies

1 Scope

This document specifies the requirements for the competence, consistency, and impartiality of audit and certification bodies for the ISO 50001 energy management system. To ensure...

Regarding the effectiveness of energy management system audits, this document also addresses the audit process, the competency requirements for personnel involved in the energy management system certification process, and the audit...

Regulations were established for sampling at different times and locations.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included.

For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies.

This document.

GB/T 27021.1-2017 Requirements for Conformity Assessment Management Systems - Audit and Certification Bodies - Part 1: Requirements (ISO/IEC 17021-1) 2015, IDT) ISO 50001 Energy Management System Requirements and Usage Guidelines

3 Terms and Definitions

The terms and definitions defined in GB/T 27021.1-2017 and ISO 50001, as well as the following terms and definitions, apply to this document.

Audit evidence

Documented information, statements of fact, or other information that are relevant to the audit criteria and can be verified.

Note: The evidence to be reviewed can be qualitative or quantitative.

[Source. GB/T 19000-2016, 3.13.8, modified---"Records" replaced with "Documented Information" and a note added.] 3.2 Audit duration the audit time (3.3) includes all time spent conducting audit activities from the first meeting to the last meeting.

Note: Audit activities typically include.

- The first meeting was held;
- Document review during the audit implementation;
- Communication during the review process;
- The role and responsibilities of guides and observers;
- Information collection and verification;
- Revealed during audit;
- Prepare the audit conclusion;
- The final meeting was held.

[Source. GB/T 27021.1-2017, 3.17, modified---"Audit Duration" has replaced "Management System Certification Audit Time".]