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**CERTIFICATION AND ACCREDITATION INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

RB/T 101-2013

**Energy management systems. Requirements for certification on
electronics and information enterprises
(English Translation)**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard is the specific requirements of GB/T 23331-2012 "Energy Management System Requirements" in the application of electronic information enterprises, is the right Refinement of GB/T 23331-2012.

This standard is proposed and managed by the China National Certification and Accreditation Administration.

This standard was drafted. Beijing Saixi Certification Co., Ltd., China Electronics Technology Standardization Institute, China Electronics Technology Group Corporation Division, Shanghai Huanke Environmental Certification Co., Ltd., China Electronics Technology Group Corporation No. 14 Research Institute, China Quality Certification Center, China Electronics Festival Energy Technology Association, Tsinghua University, Intel (China) Co., Ltd., Beijing Zhongjia Guoqin Energy Technology Co., Ltd.

Introduction

In recent years, China's electronic information enterprises have developed rapidly. This industry is the fastest one with the fastest technological innovation and the fastest replacement of products.

Industry, as its proportion in the national economy is growing, the energy consumption of electronic information companies in China is getting higher and higher, so the bank the energy saving of the industry cannot be ignored. Appendix A provides the basic information on the current energy management of electronic information enterprises in China.

The purpose of this standard is to standardize the energy management process of electronic information enterprises, and to implement electronic information enterprises through systematic methods.

Energy goals to improve energy performance. At the same time, this standard provides a

unified mechanism for certification bodies to conduct energy management system certification in electronic information enterprises.

The basis of the specification.

Electronic information companies can apply this standard in combination with quality, environmental, occupational health and safety management systems.

This standard does not specify specific energy performance guidelines for electronic information companies, nor does it provide detailed management system design specifications.

Electronic information companies may seek third-party certification bodies to certify their energy management systems in accordance with this standard, and may also conduct self-evaluation and refer to this standard for self-declaration and seeking confirmation from interested parties about their compliance.

Energy Management System Electronic Information Enterprise Certification Requirements

1 Scope

This standard stipulates the certification requirements for the energy management system of electronic information enterprises, and stipulates the implementation of energy use and consumption of electronic information enterprises.

The basic requirements of system management, taking into account the factors affecting the energy performance of electronic information enterprises, and clarifying the energy management system of electronic information enterprises Specific requirements.

This standard applies to the energy management system certification of electronic information enterprises, and can be used for the establishment, implementation, maintenance and improvement of electronic information enterprises.

The energy management system is also used as the basis for the assessment of the energy management system of electronic information enterprises by all relevant parties.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 2589 General rules for comprehensive energy consumption calculation GB/T 23331-2012 Energy Management System Requirements GB 50073 clean factory design specification GB 50174 Electronic Information System Computer Room Design

Specification GB 50472 Electronic Industry Cleanroom Design Code GB 50710 Electronic Engineering Energy Saving Design Specification

3 Terms and definitions

The following terms and definitions established in GB/T 23331-2012 apply to this document.

Electronic material

Materials used in electronic and microelectronics, including dielectric and insulating materials, semiconductor materials, piezoelectric and ferroelectric materials, Conductive metals and their alloy materials, magnetic materials, optoelectronic materials and other related materials.

Electronic components electronicdeviceanddevice A general term for components and devices. Electronic components refer to finished products that do not change the molecular composition during production and processing in the factory. Electronic device refers to being born in the factory the finished product of the molecular structure was changed during production and processing.

Note 1: Electronic components such as resistors, capacitors, inductors. It does not generate electrons itself, and has no control or transformation on voltage and current.

Note 2: Electronic devices such as transistors, tubes, and integrated circuits. It can generate electrons, control and change voltage and current (amplification, switching, and whole Flow, detection, oscillation, modulation, etc.).

Complete machine

An electronic information product that uses electronic energy to realize various functions in the form of a single or single unit, using electrical energy or converted electrical energy as energy.

The general name of the product. Electronic information enterprise's complete products include electronic consumer products, computer and communication information products (including office and commercial electronics) Equipment), information appliance products, special sets of electronic equipment, etc.