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

RB/T 108-2013

**Energy management systems. Requirements for certification on
home appliance 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 in the application of household appliances, and is a refinement of GB/T 23331-2012.

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

This standard was drafted. Hangzhou Wantai Certification Co., Ltd., Shanghai Huanke Environmental Certification Co., Ltd., Shanghai Quality System Audit Center, Shenzhen Shenzhen Huantong Certification Center Co., Ltd., Beijing Oriental Vertical and Horizontal Certification Center, Hangzhou Matsushita Household Appliances Co., Ltd., Hangzhou Boss Electric Co., Ltd.

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Introduction

The purpose of this standard is to regulate the energy management process of home appliance enterprises, and adopt a systematic approach to enable home appliance enterprises to achieve energy goals.

Improve energy performance. At the same time, this standard provides a unified and standardized basis for certification institutions to conduct energy management system certification in home appliance enterprises.

This standard is based on GB/T 23331-2012 "Energy Management System Requirements", combined with the actual situation of energy use and management of home appliance enterprises Developed.

The basic framework of this standard is consistent with the national standard GB/T 23331-2012 "Energy Management System Requirements". In the basic box Within the framework, specific requirements for energy management for home appliance companies were proposed.

Energy Management System Home Appliances Enterprise Certification Requirements

1 Scope

This standard stipulates the certification requirements for the energy management system of home appliance enterprises and the system management for the energy use and consumption of home appliance enterprises.

basic requirements.

This standard applies to the energy management system certification of home appliance enterprises, and can be used in the establishment, implementation, maintenance and improvement of energy management of home appliance enterprises.

The system can also be used as a basis for assessing and evaluating the energy management system of home appliance enterprises.

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 13234 Enterprise Energy Savings Calculation Method GB 17167 General rules for the provision and management of energy metering units GB/T 23331-2012 Energy Management System Requirements Catalogue of Eliminating Outdated Production Capacity, Processes and Products (First, Second and Third Batches) "High-energy-poor backward mechanical and electrical equipment (product) phase-out catalogue (first batch and second batch) "Industrial Structure Adjustment Guidance Catalogue" (2011)

3 Terms and definitions

The following terms and definitions as defined in GB/T 23331-2012, GB 17167 and GB/T 13234 apply to this document.

Household and similar electrical appliance manufacturers

productionenterpriseofhouseholdandsimilarelectricalappliance Engaged in electronics and electricity used by non-professionals in homes, apartments and similar applications (eg

shops, light industry and farms) the company that manufactures the device (hereinafter referred to as the home appliance enterprise).

4.1 General requirements

4.1.1

Household appliance enterprises should meet the requirements of 4.1 of GB/T 23331-2012.

4.1.2

Appliance companies should define the scope and boundaries of the energy management system based on their management responsibilities, coverage areas and operational control rights, including Geographical location, functional department, energy and/or energy-consuming working type, product range, energy use process and energy management involved in the energy management system the link and so on. When applicable, the types of energy and/or energy-consuming working fluids involved in home appliance enterprises should include raw coal, natural gas, fuel oil, and liquefied petroleum.

Gas, electricity, heat, new water, etc. When the home appliance enterprise defines the scope and boundaries of the energy management system, it should include the following applicable content.

a) Main production systems. from injection molding, die casting, heat treatment, shearing, stamping, painting, metal welding (including fusion welding, pressure welding and brazing), electronics Complete process of component welding (including reflow soldering, wave soldering), assembly to aging and machine testing.

A.2 in Appendix A gives the typical energy-using process for home appliance companies;