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

RB/T 120-2015

**Energy management systems. Requirements for certification on
food product 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 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., Beijing Oriental Vertical and Horizontal Certification Center, Hai Quality System Audit Center, Shenzhen Huantong Certification Center Co., Ltd., Hangzhou Wahaha Group Co., Ltd., Nongfu Spring Co., Ltd., Ann Huijin Seed Group Co., Ltd., Shenzhen Tsingtao Brewery Asahi Co., Ltd., Zhejiang Energy Monitoring Corps.

Introduction

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

Improve energy performance. At the same time, this standard provides a unified and standardized basis for certification organizations to conduct energy management system certification for food 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 food enterprises Developed.

The basic framework of this standard is consistent with GB/T 23331-2012 "Energy Management System Requirements". Within the basic framework, the specific requirements for energy management for food companies are detailed in GB/T 23331-2012.

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

Energy Management System Food Enterprise Certification Requirements

1 Scope

This standard specifies the certification requirements for food companies for energy management systems.

This standard applies to the energy management system certification of food enterprises, and can be used for food enterprises to establish, implement, maintain and improve energy management bodies.

Department, can also be used as the basis for the assessment and evaluation of food enterprises' energy management system.

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 4754
National Economic Industry Classification GB/T 13234 Enterprise Energy Savings
Calculation Method GB/T 15091 Basic terminology of the food industry GB 17167
Energy-using unit energy metering equipment management and general rules GB/T
23331-2012 Energy Management System Requirements

3 Terms and definitions

The terms and definitions defined in GB/T 23331-2012, GB/T 15091, GB 17167, GB/T 2589 and GB/T 13234 are appropriate.

Used in this document.

4.1 General requirements

4.1.1

The enterprise shall meet the requirements of 4.1 of GB/T 23331-2012.

4.1.2

The enterprise shall define the scope and boundaries of the energy management system based on its management responsibilities, coverage areas and operational control rights,

including Geographical management, functional departments, energy and/or energy-consuming working fluid types, product ranges, energy use processes and energy management loops involved in the source management system Festival and so on. When applicable, the types of energy and/or energy-consuming work involved in the enterprise include raw coal, natural gas, fuel oil, liquefied petroleum gas, electricity, and heat.

Force, biomass, new water, etc.

4.1.3

When defining the scope and boundaries of the energy management system, the enterprise shall cover the main production system, the auxiliary production system and the subsidiary production system.

- a) The main production systems of food enterprises include but are not limited to. raw material pretreatment, production and processing, packaging and storage. Appendix A gives the basic unit operation and typical process flow of food production enterprises.
- b) Food industry auxiliary production systems and ancillary production systems including but not limited to. power supply, heating, water supply, three wastes (waste water, waste gas, solid Body waste) treatment, lighting, etc.

4.1.4

When applying for energy management system certification, an enterprise shall have the following basic conditions.

- a) have a food production license;
- b) The comprehensive energy consumption per unit of product output meets the energy consumption limit standard.