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

RB/T 119-2015

Energy management systems. Certification requirements for machinery enterprise

能源管理体系 机械制造企业认证要求

(English Translation)

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Preview: page 1 of 5 shown, 31 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/rb-t-119-2015

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Table of Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Mechanical manufacturing enterprise energy management system certification requirements

4.1 General requirements

4.2 Management responsibilities

4.3 Energy Policy

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 machinery manufacturing enterprises, and is a refinement of GB/T 23331-2012.

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

This standard was drafted. Huaxin Technology Inspection Co., Ltd., Shanghai Quality System Audit Center, China United Certification Center, China Classification Society Certification company, Huaxia Certification Center, Beijing Saixi Certification Co., Ltd., Harbin Electric Machinery Co., Ltd., Shanghai Heavy Machinery Factory Limited Company, Dongfang Electric Co., Ltd., Shanghai Automotive Group Co., Ltd., Shanghai Electric Power Station Equipment Co., Ltd. Shanghai Steam Turbine Factory, Harbin Steam Turbine Works Co., Ltd., China Mechanical Engineering Society Equipment and Maintenance Engineering Branch, Shanghai Energy Conservation Association.

Introduction

The machinery manufacturing enterprise referred to in this standard is a manufacturing enterprise that provides production and living equipment for users, and has a wide range of products. In accordance with the National the Economic Industry Classification (GB/T 4754) stipulates that the machinery manufacturing industry includes "general equipment manufacturing", "special equipment manufacturing" and "automotive manufacturing".

Preview: page 2 of 5 shown, 31 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/rb-t-119-2015

"" Railway, shipbuilding, aerospace and other transportation equipment manufacturing" "Electrical machinery and equipment manufacturing", "Metal products industry" and "Instrumentation Manufacturing industry, etc. The basic situation of energy management in the machinery manufacturing industry is shown in Appendix A.

The purpose of this standard is to regulate the energy management process of machinery manufacturing enterprises, and to adopt a systematic approach to achieve the realization of machinery manufacturing enterprises.

Energy goals, improve energy efficiency and reduce energy consumption, reduce greenhouse gas emissions, reduce energy use costs, and improve energy performance.

The framework of this standard is consistent with GB/T 23331-2012 "Energy Management System Requirements".

This standard is based on GB/T 23331-2012 "Energy Management System Requirements", combined with the actual use and management of energy consumption in machinery manufacturing enterprises.

The situation and the characteristics of energy use were formulated, and the specific requirements of the energy management system of the machinery manufacturing enterprise were put forward.

See Appendix B for examples of energy management system review and planning applications for machinery manufacturing companies.

This standard does not stipulate specific energy performance guidelines for machinery manufacturing enterprises, nor does it provide detailed management system design specifications.

This standard is used in conjunction with GB/T 23331-2012 "Energy Management System Requirements" to constitute the energy management system of machinery manufacturing enterprises.

Certification basis.

Machinery manufacturers can seek third-party certification bodies to certify their energy management systems in accordance with this standard, and can also be used for self-evaluation.

And self-declaration, or as a reference for compliance verification of the operation of its energy management system.

Mechanical manufacturing companies can apply this standard in combination with quality, environmental, and occupational health and safety management system standards.

Energy Management System Machinery Manufacturing Enterprise Certification Requirements

Preview: page 3 of 5 shown, 31 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/rb-t-119-2015

1 Scope

This standard specifies the certification requirements for the energy management system of machinery manufacturing enterprises.

This standard applies to the energy management system certification of machinery manufacturing enterprises, and can be used to establish, implement, maintain and improve mechanical manufacturing enterprises.

The source management system can also be used as a basis for evaluating the energy management system of machinery manufacturing 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 4754 National Economic Industry Classification 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 and GB/T 2589 apply to 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

When defining the scope and boundaries of the energy management system, the following aspects should be included.

a) the main products and energy use processes of the enterprise;

b) the site area and physical boundaries of the enterprise's energy use;

c) If the enterprise has an energy service or an energy use process outsourcing, it should also define the responsibility boundary of energy management.

Preview: page 4 of 5 shown, 31 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/rb-t-119-2015

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4.2.1 Top management

The top management shall meet the requirements of 4.2.1 of GB/T 23331-2012.

4.2.2 Management representative

Manager representatives should meet the requirements of 4.2.2 of GB/T 23331-2012.

4.3 Energy Policy

4.3.1

The enterprise shall meet the requirements of 4.3 of GB/T 23331-2012.

Preview: page 5 of 5 shown, 31 in the full document. Complete English PDF, instant download:
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