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

RB/T 109-2013

**Energy management systems. Certification requirement for
wood based panels and wood products enterprise
(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" applied in wood-based panels and wood products enterprises.

Refinement of GB/T 23331.

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

This standard was drafted. Central United (Beijing) Certification Center Co., Ltd., National Wood-based Panel and Wood Bamboo Products Quality Supervision and Inspection Center, Jilin Forest Industry Group, Beijing Green Orno Building Plate Co., Ltd.

Introduction

The wood-based panel and wood products industry is to improve the comprehensive utilization rate of China's timber resources, reduce the consumption of forest quality wood resources, and develop recycling cycles.

Jiji's strategic industry, energy conservation and consumption reduction has always been one of the sustainable development goals of the wood-based panel and wood products industry. Appendix A provides wood-based panels and the basic situation of energy management in the wood products industry.

The purpose of this standard is to regulate the energy management process of wood-based panels and wood products enterprises, using a systematic approach to wood-based panels and wood.

Product companies achieve energy goals and improve energy performance. At the same time, this standard is for the certification body to carry out energy management in wood-based panel and wood products enterprises.

System certification provides a unified and standardized basis.

GB/T 23331-2012 specifies the requirements for energy management systems applicable to various organizations, establishing, implementing and maintaining for various organizations.

And improving the energy management system provides system requirements.

This standard is based on GB/T 23331-2012, combined with the actual situation of energy use and management of wood-based panel and wood products industry.

The basic framework of this standard is consistent with the national standard GB/T 23331-2012. Within the basic framework, Energy management related requirements for wood products companies.

Wood-based panel and wood products companies can combine and apply this standard with quality, environmental, occupational health and safety management systems.

This standard does not stipulate specific energy performance standards for wood-based panel and wood products enterprises, and does not provide detailed management system design specifications.

Wood-based panel and wood products enterprises may seek certification from third-party certification bodies for their energy management systems in accordance with this standard.

I refer to this standard when I evaluate and self-declare and seek confirmation from the relevant parties about their compliance.

Energy management system, wood-based panel and wood products enterprise
Certification requirements

1 Scope

This standard stipulates the certification requirements for energy management systems for wood-based panel and wood products enterprises, and stipulates that for wood-based panels and wood products enterprises Source use and consumption implement the basic requirements of system management, determine the factors affecting the energy performance of wood-based panels and wood products enterprises, and clarify the man-made the core elements of the energy management system for board and wood products enterprises.

This standard is applicable to the energy management system certification of wood-based panel and wood products enterprises. It can be used for the establishment and implementation of wood-based panel and wood products enterprises.

Maintaining and improving its energy management system is also the basis for the assessment of the energy management system of wood-based panels and wood products

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/T 23899 Comprehensive production energy consumption of solid wood composite flooring GB 50822 Medium Density Fiberboard Engineering Design Specification GB 50827 particleboard engineering design specification LY/T 1451 fiberboard production comprehensive energy consumption LY/T 1529 plywood production comprehensive energy consumption LY/T 1530 particleboard production comprehensive energy consumption LY/T 1703 solid wood floor production comprehensive energy consumption LY/T 2071 Blockboard production comprehensive energy consumption LY/T 2073 impregnated paper laminated wood flooring production comprehensive energy consumption LY/T 2074 Bamboo plywood production comprehensive energy consumption LYJ120 plywood engineering design specification

3 Terms and definitions

The following terms and definitions as defined in GB/T 23331-2012 and GB/T 2589 apply to this document.

Wood-based panel woodbasedpanels Using wood or non-wood plant fiber materials as the main raw material, processing into various material units, applying (or not applying) adhesives and other additives Additives, laminated sheets or molded products, including plywood, particle board, fiberboard and surface decorative panels.

[GB/T 18259-2009 artificial board and its surface decoration terminology] 3.2 Wood products Made of wood or wood-based panels, mechanically processed and decorated with functional and/or decorative effects