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

RB/T 104-2013

**Energy management systems. Certification requirements for
transport industry
(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 requirement of GB/T 23331-2012 standard in transportation enterprises, and it is on GB/T 23331-2012.

Refine.

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

This standard was drafted. China Classification Society Quality Certification Company, Beijing Zhongjing Keyuan Quality Certification Co., Ltd., Beijing Elway Quality Recognition Certification Center, Guangdong Zhongjian Certification Co., Ltd., China Ocean Shipping (Group) Corporation, Hainan Airlines Co., Ltd., Suzhou Auto Transportation Group Co., Ltd.

Introduction

Transportation enterprises are one of the key industries for energy consumption in China, and one of the key energy-saving fields in China.

Production activities are characterized by their flexibility, dispersion, and variability in transportation conditions, which are significantly different from those of other industries. Therefore, it is necessary to develop industry certification standards to meet the needs of the certification industry.

The purpose of this standard is to standardize the energy management process of transportation enterprises, and to adopt a systematic approach to enable transportation enterprises to achieve Energy goals to improve energy performance. At the same time, this standard provides for the certification body to provide energy management system

certification for transportation enterprises.

First, the basis of the norm.

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

This standard is based on GB/T 23331-2012 "Energy Management System Requirements", combined with the energy use and management of transportation enterprises the specific situation was formulated and the specific requirements for energy management of transportation enterprises were put forward.

This standard is used in conjunction with GB/T 23331-2012 "Energy Management System Requirements", which together constitute a transportation enterprise.

Certification requirements for energy management systems.

In order to facilitate the standard users to have a basic understanding of transportation companies, Appendix A provides the basic situation of energy management for transportation enterprises.

condition. Transportation companies can apply this standard in combination with other management system standards, such as quality, environment, occupational health and safety.

System standards.

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

Transportation companies may seek third-party certification bodies to certify their energy management systems in accordance with this standard.

Evaluation and self-declaration, seeking the relevant parties to confirm their compliance with reference to this standard.

Energy management system Transportation enterprise certification requirements

1 Scope

This standard stipulates the certification requirements for energy management systems of transportation enterprises, and the system management for energy use and consumption of transportation enterprises.

Put forward the basic requirements, consider the factors affecting the energy performance of transportation enterprises, and clarify the core of the energy management system of transportation enterprises.

Heart element requirements.

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

The source management system can also serve as the basis for evaluating the energy management system of the enterprise.

This standard is mainly applicable to enterprises engaged in waterway transportation, road transportation, urban passenger transportation and air transportation. Railway transportation, urban rail transit Other types of transportation enterprises can be implemented with reference to this standard.

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 8226 Road transport terminology GB/T 17166 Enterprise Energy Auditing Technology General GB 17167 Energy-using unit energy metering equipment management and general rules GB/T 21392 Ship transportation energy consumption statistics and analysis methods GB/T 21393 Road transport energy consumption statistics and analysis methods GB/T 23331-2012 Energy Management System Requirements

3 Terms and definitions

The following terms and definitions as defined in GB/T 8226 and GB/T 23331-2012 apply to this document.

Transportation the movement of a person or thing by means of a vehicle produces a purposeful displacement of the space.

Passenger volume the amount of passengers transported during a certain period of time.

Freight volume ton-volume the amount of goods transported during a certain period of time.

4.1 General requirements

The requirements of 4.1 in GB/T 23331-2012 and the following requirements apply.