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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 37099-2026

Replacing GB/T 37099-2018

Green logistics indicators and accounting methods

绿色物流指标构成与核算方法

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Table of Contents

1.Scope	1
2 Normative References	1
3.Terms and Definitions	1
4.Composition of Green Logistics Indicators	2
20 References	22

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 37099-2018 "Composition and Accounting Method of Green Logistics Indicators". Compared with GB/T 37099-2018, except for... Aside from structural adjustments and editorial changes, the main technical changes are as follows:

a) The definitions of "green logistics," "renewable energy," and "collaborative distribution" have been revised (see 3.1, 3.2, 3.3;

3.3 in the.2018 version). 3.7);

b) The terms and definitions of "volume ratio," "degradable plastics," "reusable materials," and "reduced packaging" have been removed (see section

3.2 of the.2018 edition). 3.4, 3.5, 3.6);

c) Added definitions for "new energy transportation vehicles", "new energy loading and unloading vehicles", "clean and environmentally friendly transportation vehicles", and "green building materials" (see...). 3.7, 3.8, 3.9, 3.10);

d) The secondary indicator "Management" was changed to the primary indicator "Management Indicators" (see Table 1,.2018 version), and secondary indicators were added under it. The indicators "Organization and Planning" and "Systems and Frameworks," along with their corresponding indicator descriptions and calculation methods (see Tables 1, 5.1.1, and 5.1.2), have been deleted. The three-level indicators, namely "Logistics Management System", "Logistics Operation Plan", and "Logistics Information Level", along with their corresponding indicator descriptions and calculation methods, are explained below. (See Tables 1, 5.1.5.1, 5.1.5.2, and

5.1.5.3 in the.2018 edition);

e) Under the secondary indicator "Facilities", the tertiary indicators "Green building materials utilization rate" and "Renewable energy power generation and storage system" have been added. The description and calculation methods for the "Rainwater Harvesting and Recycling System" and its corresponding indicators are provided in Tables 1, 5.2.1.1, 5.2.1.3, and 5.2.1.4. The term "reservoir area green space ratio" has been changed to "green coverage ratio," and its indicator description and calculation method have been revised (see Table 1, 5.2.1.5, 2018). Table 1 and

5.1.1.4 of the 2018 edition have been removed; "Logistics Node Site Selection" and "Floor Area Ratio" and their corresponding indicator descriptions and calculation methods have been deleted (see 2018). (Tables 1, 5.1.1.1, and

5.1.1.2 from the 2018 edition)

f) Under the secondary indicator "Equipment", the tertiary indicator "Application Rate of Energy Metering Instruments" and its corresponding explanation and verification have been added. Calculation method (see Table 1, 5.2.2.5); change "proportion of clean energy loading and unloading equipment" to "proportion of new energy loading and unloading tools" and "field". The phrase "proportion of high-efficiency lighting fixtures" has been changed to "proportion of high-efficiency equipment" and "new energy vehicles or vehicles that meet the latest national environmental protection requirements (railway freight)". The percentage of vehicles/ships/cargo aircraft has been changed to the percentage of new energy vehicles and the percentage of clean and environmentally friendly vehicles. The corresponding indicator descriptions and calculation methods are shown in Tables 1, 5.2.2.3, 5.2.2.6, 5.2.2.1, and 5.2.2.2 (Table 1 in the 2018 edition). 5.1.2.1, 5.1.2.3, 5.1.2.4);

g) In the tertiary indicators under the secondary indicator "Energy", change "Energy consumption per unit volume of storage facilities" to "Energy consumption per unit volume of logistics nodes". The phrases "fuel consumption per 100 tons (cubic meters/vehicle) kilometers" and "fuel consumption per ton-kilometer of vehicle" have been changed to "energy consumption per ton-kilometer of vehicle," and the corresponding parameters have also been modified. The corresponding indicator descriptions and calculation methods are as follows (see Tables 1, 5.2.3.2, and 5.2.3.1; Tables 1, 5.1.3.1, and

1 Scope

GB/T 37099-2026 is the Chinese national standard covering measuring the environmental performance of a logistics operation - the emissions per tonne-kilometre by mode, the load factor and empty running, the packaging used and recovered, the energy of the warehouses, and the indicators that make one operator comparable with another. It replaces GB/T 37099-2018 and has been in force since 1 May 2026. It was issued on 28 January 2026 and has been in force since 1 May 2026, replacing GB/T 37099-2018. The document is under the responsibility of the Standardization Administration of China. This page is published from the official record of the 2026 edition; the clause text of a standard

this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document establishes the components of green logistics indicators for logistics activities and describes the indicators and their calculation methods. This document applies to the selection and calculation of green logistics indicators for enterprises with logistics activities.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB 12348 Emission Standard for Environmental Noise at the Boundary of Industrial Enterprises

GB/T 18354 Logistics Terminology

GB/T 21334 Basic Requirements for Classification and Planning of Logistics Parks

GB/T 24001 Environmental Management Systems Requirements and Guidance for Use

GB/T 30334 Service Specifications and Evaluation Indicators for Logistics Parks

GB/T 44054 Guidelines for the Implementation of Energy Management Systems in the Logistics Industry

GB/T 44854-2024 Requirements for the Configuration and Management of Energy Measuring Instruments in Logistics Enterprises
WB/T 1134 Green Logistics Evaluation Indicators for Logistics Enterprises
WB/T 1135 Requirements for Greenhouse Gas Emission Accounting and Reporting of Logistics Enterprises

ISO 14083 Quantification and reporting of greenhouse gas emissions from greenhouse gas transport chain operations

3 Terms and Definitions

The terms and definitions defined in GB/T 18354 and WB/T 1134, as well as the following terms and definitions, apply to this document.

3.1 Green logistics By adopting advanced technologies and management methods, rationally planning and implementing logistics activities, optimizing resource utilization, and reducing the environmental impact of logistics activities, we can achieve better results. The process of impact and greenhouse gas emissions.

3.2 renewable energy Energy sources that can be replenished and regenerated through natural processes in a relatively short period of time to obtain usable energy.

Note. This includes hydropower, wind power, solar power, biomass energy, geothermal energy, ocean energy, etc.

3.3 joint distribution A delivery method that is jointly organized and implemented by multiple enterprises or other organizations after integrating the goods needs of multiple customers.

[Source: GB/T 18354-2021, 4.38]

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