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

GB/T 36132-2025

Replacing GB/T 36132-2018

General principles for green factory evaluation

绿色工厂评价通则

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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 36132-2018 "General Rules for Green Factory Evaluation". Compared with GB/T 36132-2018, except for structural adjustments and Aside from editorial changes, the main technical changes are as follows:

- a) The scope has been changed (see Chapter 1, Chapter 1 of the.2018 edition);
- b) The definition of "green factory" has been changed (see 3.1,.2018 version 3.1);
- c) The terms and definitions for "green products" and "stakeholders" have been removed (see sections 3.3 of the.2018 edition);
- d) The general provisions have been deleted (see section 4.1 in the.2018 edition);
- e) The structure and content of the evaluation metrics have been changed (see Chapter 4, Chapters 4-10 of the.2018 edition);
- f) The basic requirements have been changed (see 4.2, Chapter 4 of the.2018 edition);
- g) Added evaluation indicator scoring rules and evaluation results (see Chapters 5 and 6);
- h) The document structure for the green factory evaluation criteria has been changed (see Appendix A, Appendix C of the.2018 edition);
- i) The calculation method for the main quantitative indicators of green factories has been changed (see Appendix B, Appendix A of the.2018 edition). Please note that some content in this document may involve patents. The issuing organization of this document assumes

no responsibility for identifying patents. This document was proposed by the Ministry of Industry and Information Technology of the People's Republic of China. This document is under the jurisdiction of the National Technical Committee on Standardization of Environmental Management (SAC/TC207). This document was drafted by: China Electronics Technology Standardization Institute, China National Institute of Standardization, and the Fifth Research Institute of Electronics Technology of the Ministry of Industry and Information Technology. Institute, China Academy of Information and Communications Technology, China Building Materials Federation, China Nonferrous Metals Industry Association, Metallurgical Industry Information and Standardization Research Institute Beijing Power Exchange Center Co., Ltd., China Machinery Productivity Promotion Center Co., Ltd., BMW Brilliance Automotive Ltd., and Northern Integrated Circuit Technology Co., Ltd. Technology Innovation Center (Beijing) Co., Ltd., Sunwoda Electronic Co., Ltd., Hisense Refrigerator Co., Ltd., BASF Shanshan Battery Materials (Ningxia) Co., Ltd., People's Cable Group Co., Ltd., and Southeast Electronics Co., Ltd. The main drafters of this document are. Zhao Bingqing, Duan Miao, Xu Bingsheng, Zhang Shengchun, Yang Meng, Yang Yutao, Li Mengchen, Ji Xiaozhou, Liu Jingyu, and Wang Jing. Liu Jiaqi, Zhou Liwei, Zhao Yongshan, Qiu Jinhui, Shi Zhuyu, Chen Jie, Fan Congcong, Yan Wang, Zhang Xingxing, Chen Chunyan, Shangguan Nanlin, Yu Yuelong Yin Ziqing, Wu Sha, Xing Qiwen, Yuan Rongzhong, Cao Jiachang, Pan Liyan. This document was first published in.2018, and this is its first revision. General Rules for Green Factory Evaluation

1 Scope

GB/T 36132-2025 is the Chinese national standard covering how a factory is evaluated as a green factory - the infrastructure and its materials, the management system, the energy and resource intensity, the emissions and waste, the products made and the performance achieved. The green factory label is the top of China's industrial green manufacturing scheme, and this is the document a plant is scored against. It replaces GB/T 36132-2018. It was issued on 31 December 2025 and has been in force since 31 December 2025, replacing GB/T 36132-2018. The document is under the responsibility of the Standardization Administration of China. This page is published from the official record of the 2025 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 a green factory evaluation index system, specifies the basic requirements, evaluation indicators, and scoring rules for green factories, and describes... The evaluation results were used to form rules. This document is applicable to the industrial sector in formulating green factory evaluation standards and related technical guidelines, and is also applicable to guiding relevant enterprises in carrying out green initiatives. Factory creation work.

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 the specified date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 2589 General Rules for Calculating Comprehensive Energy Consumption

GB/T 18820 General Rules for Compiling Industrial Water Use Quotas

GB/T 19001 Quality Management System Requirements

GB/T 23331 Energy Management System Requirements and Usage Guidelines

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

GB/T 24067 Requirements and Guidelines for Quantifying the Carbon Footprint of Greenhouse Gas Products

GB/T 29116 General Rules for Calculating Raw Material Consumption in Industrial Enterprises

GB/T 32150 General Rules for Greenhouse Gas Emission Accounting and Reporting by Industrial Enterprises

GB/T 32151 (all parts) Requirements for greenhouse gas emission accounting and reporting

GB/T 45001 Occupational Health and Safety Management System Requirements and Guidelines for Use

3 Terms and Definitions

The terms and definitions defined in GB/T 2589, GB/T 18820, GB/T 24067, and GB/T 29116, as well as the following terms and definitions, apply to this document.

3.1 green factory Throughout the planning, construction, and production operation processes, the concept of green manufacturing was implemented, achieving low-carbon energy, high-efficiency resources, and clean production. Enterprises that directly engage in industrial production activities by focusing on greening, greening of products, and intensive use of land.

4 Construction and Requirements of Evaluation Index System

4.1 Composition of the Evaluation Index System The green factory evaluation index system consists of basic requirements and evaluation indicators.

- a) Basic requirements include compliance with laws and regulations, management responsibilities, and management systems;
- b) The evaluation indicators include five primary categories. low-carbon energy, high-efficiency resources, clean production, green products, and intensive land use; Each primary indicator category has several secondary indicators, and tertiary indicators may be added depending on the specific industry characteristics; the lowest level of evaluation indicators.