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

GB/T 26669-2024

**Environmentally conscious design for electrical and electronic
products - Terminology**

电工电子产品环境意识设计 术语

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Foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting: This document replaces GB/T 26669-2011 "Terms for Environmental Awareness Design of Electrical and Electronic Products" and is consistent with GB/T 26669-2011: In addition to structural adjustments and editorial changes, the main technical changes are as follows:

- a) The scope of application of this document has been modified (see Chapter 1, Chapter 1 of the:2011 edition);
- b) Added the following terms and definitions: 1) Some basic terms of environmental awareness design (see 3:1:1); 2) Some terms of environmental awareness design methods (see 3:2:1:1, 3:2:1:3~3:2:1:6, 3:2:2:1, 3:2:2:2, 3:2:2:4); 3) Some environmental awareness design evaluation terms (see 3:3:2, 3:3:3:3, 3:3:3:6, 3:3:3:7, 3:3:4:1, 3:3:4:2, 3:3:5:2, 3:3:5:3, 3:3:6:6~3:3:6:9, 3:3:6:13~3:3:6:15, 3:3:7:3~3:3:7:11, 3:3:7:14); 4) Some life cycle assessment terms (see 3:4:1:4, 3:4:2:2~3:4:2:6, 3:4:2:9~3:4:2:12, 3:4:3:1, 3:4:3:2, 3:4:3:4, 3:4:3:6~3:4:3:8); 5) Some environmental awareness design information terms (see 3:5:1, 3:5:4);
- c) Deleted some terms and definitions (see 3:1:1, 3:1:10~3:1:12, 3:2:9, 3:2:10, 3:2:12, 3:2:14~3:2:16, 3:2:17:2, 3:2:17:6, 3:2:18:2, 3:2:19:4, 3:2:20:8, 3:2:20:11, 3:3:4~3:3:6, 3:4:1);
- d) The following terms and definitions have been modified: 1) Some basic terms for environmental awareness design (see 3:1:2~3:1:6, 3:1:2~3:1:5 and 3:2:3 of the:2011 edition); 2) Some environmental awareness design method terms (see 3:2:1:2, 3:2:1:7, 3:2:1:8, 3:2:2:3, 3:1:9, 3:3:1, 3:3:2 of the:2011 edition) 3:1:16, 3:1:15); 3) Some environmental awareness design evaluation terms (see 3:3:1, 3:3:3:2, 3:3:3:4, 3:3:3:5, 3:3:6:1~3:3:6:5, 3:3:6:10, 3:3:6:11, 3:3:6:16~3:3:6:18, 3:3:7:1, 3:3:7:2, 3:3:7:12, 3:3:7:13, 3:3:7:15, 3:3:7:17, 3:3:7:18, 3:2:1, 3:2:17:3~3:2:17:5, 3:2:19:1~3:2:19:3, 3:2:19:5~3:2:19:16 of the:2011 edition, 3:2:20:9, 3:2:4, 3:2:6~3:2:8, 3:2:20:1, 3:2:20:11, 3:2:20:10, 3:2:20:2,

3:2:20:3, 3:2:20:4, 3:2:20:5, 3:2:20:7); 4) Some life cycle assessment terms (see 3:4:1:1~3:4:1:3, 3:4:2:7, 3:4:2:8, 3:4:3:3, 3:4:3:5, 2011 edition 3:1:6~3:1:8, 3:1:13, 3:1:14, 3:2:11, 3:2:13); 5) Some environmental awareness design information terms (see 3:5:2, 3:4:2 of the 2011 edition): Please note that some of the contents of this document may involve patents: The issuing organization of this document does not assume the responsibility for identifying patents: This document was proposed and coordinated by the National Technical Committee for Standardization of Electrical and Electronic Products and Systems Environment (SAC/TC297): This document was drafted by: Beijing Electrical Technology and Economic Research Institute of Machinery Industry, Shanghai Electric Science Research Institute (Group) Co., Ltd., Shenzhen Municipal Standards and Technology Research Institute, China Electrical Equipment Industry Association, Huaxin (Jiaxing) Intelligent Equipment Co., Ltd., China Quality Certification Center, Zhongshan Shenzhong Standard Quality Research Center, China Electronics Technology Standardization Institute, China Academy of Information and Communications Technology, Super Fusion Digital Technology Co., Ltd., Huawei Technology Co., Ltd., Schneider Electric (China) Co., Ltd., SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd., Rockwell Automation (China) Co., Ltd., Zhejiang Gengu Cable Co., Ltd: The main drafters of this document are: Teng Yun, Wang Aiguo, Xu Lijie, Zhang Liang, Gong Yu, Chen Zeliang, Chen Zhanzhan, Yang Yutao, Lu Chunyang, Huang Xuan, Fu Maijin, Liu Guoguo, Hu Ying, Song Weihong, Huang Xiangyan, Zhou Yue: This document was first published in 2011 and this is the first revision: Terminology for Environmental Awareness Design of Electrical and Electronic Products

1 Scope

GB/T 26669-2024 is the Chinese vocabulary of environmentally conscious design for electrical and electronic products. Ecodesign has become a regulatory requirement rather than a voluntary practice, in China through the green product programme and outside it through the European eco-design and right-to-repair rules that Chinese exporters must satisfy, and the vocabulary is where the requirements bite: durability, reparability, upgradeability, recyclability, recoverability and disassembly time are all defined quantities with legal consequence, and a loose usage in a Chinese specification will not survive an audit. The standard defines the terms across the field: the general environmentally conscious design terms, the life cycle terms, the material terms including recycled and recyclable content and restricted substances, the design strategy terms of reduction, reuse, repair, remanufacture and recycling, the end-of-life treatment terms, and the assessment, declaration and communication terms. It takes effect on 1 December 2024.

This document defines terms and definitions related to environmentally aware design of electrical and electronic products: This document is applicable to the drafting of environmental awareness design standards for electrical and electronic products and the preparation of technical documents: The terms in this document are divided into

environmental awareness design basic terms, environmental awareness design method terms, environmental awareness design evaluation terms, life Classification of life cycle assessment terminology and environmentally aware design information terminology: Appendix A provides a schematic diagram of the main terms for end-of-life treatment of electrical and electronic products:

2 Normative references

This document has no normative references:

3 Terms and definitions

1 Basics of Environmentally Aware Design 3:1:

1 Product Any goods or services:

Note: Products include interrelated goods or services: [Source: ISO 14050:2020, 3:5:12, modified] 3:1:2 A systematic approach to considering environmental factors during the design and development process, aiming to reduce negative environmental impacts throughout the product life cycle: NOTE: Other terms with the same meaning used around the world include ecodesign, design for the environment (DFE), green design and environmentally sustainable design: [Source: GB/T 23686-2022, 3:1:1] 3:1:

3 Environment External entities that can be affected by the existence of products include air, water, land, natural resources, plants, animals, people, and the relationships between them: mutual relationship: NOTE External presence may be described in terms of biodiversity, ecosystems, climate or other characteristics: [Source: GB/T 23686-2022, 3:4:1] 3:1:

4 Environmental factors Elements of an organization's activities or products that interact or can interact with their environment:

Note 1: An environmental factor may produce one or more environmental impacts: A significant environmental factor is one that has or can produce one or more significant environmental impacts: environmental factors: Note 2 to entry: Significant environmental aspects are determined by the organization using one or more criteria: Note 3 to entry: The activities of the organization are those related to design and development: