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

GB/T 44868-2024

Green product assessment - Electric toys

绿色产品评价 电玩具

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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. 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 by the China Light Industry Federation and the National Green Product Evaluation Standardization General Group. This document is under the jurisdiction of the National Technical Committee on Toy Standardization (SAC/TC253). This document was drafted by: China Quality Certification Center Co., Ltd., China National Institute of Standardization, Beijing China Light Industry Federation Certification Center Co., Ltd., Shenzhen Metrology and Quality Inspection Institute, Shenzhen Tianxiang Quality Technology Service Co., Ltd., China Household Electrical Appliances Research Institute, Jiangsu Little Dinosaurs Children's Products Group Co., Ltd., Beijing Aiqi Technology Co., Ltd., Guangdong Bangbao Educational Toys Co., Ltd., Shanghai Bruco Building Blocks Technology Co., Ltd. Company, Bureau Veritas Product Testing (Shanghai) Co., Ltd., SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch, Shanghai Customs Mechanical and Electrical Products Testing Technology Center, Shantou Customs Technology Center, China Inspection Group Physical and Chemical Testing Co., Ltd., China Inspection Group Southern Testing Co., Ltd., Shenzhen Customs Industrial Products Inspection Center. The main drafters of this document are. Yu Jie, Zhu Yi, Zhang Congxiao, Gao Yan, Zhang Haitao, Huo Juyuan, Cao Yanxin, Ma Qiju, Xu Bingsheng, Li Zhaoxin, Zhang Yang, Zhou Dejie, Wu Yanxiang, Peng Yanyan, Li Zhuowen, Guo Wenwei, Zhang Xia, Zhu Haixin, Ni Binbin, Wang Can, Zhang Xiaonan, Ma Ping, Xu Xiaoguang, Xu Shaoshan, Zhang Juntao, Liu Yueting, Wang Linji. Green Product Evaluation Electric Toys

1 Scope

GB/T 44868-2024 is the Chinese green product assessment standard for electric toys.

China makes the majority of the world's toys, and an electric toy is a demanding case for a green label because it combines plastics, electronics and batteries in a product with a short life and a young user: the environmental question and the safety question cannot be separated, since the substances that matter environmentally are the same ones a child must not be exposed to. The standard sets the evaluation requirements, the basic requirements the product and its producer must satisfy before assessment and then the indicators, covering the materials and the restricted substances including heavy metals, phthalates and flame retardants, the energy consumption and the battery, the durability and repairability that determine how long the toy lasts, the packaging, and the recyclability and end-of-life handling; and then the evaluation methods, with a normative annex giving the evaluation and the calculation. It takes effect on 1 June 2025.

This document specifies the evaluation requirements for green products of electric toys and describes the corresponding evaluation methods. This document applies to products designed or intended for use by children under 14 years of age, which have at least one function that requires the use of electricity. The applicable scope of the product is consistent with that of GB/T 19865.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 4288 Electric washing machines for household and similar purposes

GB 6675.1 Safety of toys Part