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

GB/T 46498-2025

**Specifications for take-back service evaluation of waste and
used household electrical appliances**

废旧家用电器回收服务评价规范

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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. 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 China National Light Industry Council. This document was prepared by the National Technical Committee on Standardization of Household Appliances (SAC/TC46) and the National Technical Committee on Standardization of Second-hand Goods (SAC/TC440). Under the same jurisdiction. This document was drafted by: China Household Electric Appliance Research Institute, Zhuhai Gree Green Recycling Resources Co., Ltd., and AUX Air Conditioning Co., Ltd. Company, Qingdao Haier Smart Technology R&D Co., Ltd., Suzhou Testing & Certification Group Co., Ltd., Midea Group Co., Ltd., Shenzhen Anji Haier Water Industry Group Co., Ltd., Changhong Meiling Co., Ltd., Hisense Home Appliances Group Co., Ltd., Qingdao Haier Air Conditioner Co., Ltd. Headquarters, Hisense Refrigerator Co., Ltd., TCL Industrial Holdings Co., Ltd., Weikai Testing Technology Co., Ltd., Shenzhen Aibolv Environmental Protection Co., Ltd. Technology Co., Ltd., Kingfa Science & Technology Co., Ltd., Hisense Air Conditioning Co., Ltd., China National Resources Recycling Association, Gongyi Xingmao Machinery Co., Ltd. Machinery Equipment Co., Ltd., Anhui Zhongjia Zhirui Technology Co., Ltd., Jiahe (Zhejiang) Inspection and Testing Co., Ltd., and China Environmental United (Beijing) Certification Center Heart Co., Ltd. The main drafters of this document are. Yan Ling, Du Yuanwen, Zhang He, Zhang Yanli, Gu Tangtang, Cai Yi, Yu Cailing, Yin Sheng, Yang Jiaying, Xia Yan, and Huang Ling. Li Jingyu, Wang Fei, Chang Xuesong, Zhang Jiahuan, Chen Lian, Dai Xingxue, Tang Baitong, Guo Shaohua, Bie Qingfeng, Cai Haizhen, Cai Baoxian, Wang

Tongshuai, Zhang Tao Shan Mingwei. Evaluation Standards for Waste Household Appliance Recycling Services

1 Scope

GB/T 46498-2025 is the Chinese national standard covering judging an appliance take-back service - the collection appointment and the removal from the home, the pricing transparency, the data erasure where the appliance holds any, the handover to a licensed treatment plant, and the traceability the customer can check. First edition, in force from 1 May 2026. Issued on 5 October 2025, it has been in force since 1 May 2026.

This document establishes an evaluation index system for waste household appliance recycling services, and stipulates the basic requirements and value rules for evaluating recycling services. A reference format and content for a recycling service evaluation report are provided. This document applies to the evaluation of recycling operators engaged in waste household appliance recycling services.

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/T 19001 Quality Management System Requirements

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

GB/T 32357-2015 Guidelines for Pollution Control in the Recycling and Disposal of Waste Electrical and Electronic Equipment

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 32357-2015, as well as the following terms and definitions, apply to this document.

3.1 Household appliances that are no longer used by the owner and have been abandoned or discarded, as well as substandard or scrapped products generated during the production or distribution process. Household appliances that have entered the consumer market, are in use or idle, and retain some or all of their original use value.

3.2 Collector, a recycling operator Enterprises and individual businesses engaged in the

recycling of used household appliances. [Source: GB/T 45070-2024, 3.3, with modifications]

4 Basic Requirements

4.1 Recycling operators should have a business license, and if they are involved in recycling-related businesses, they should complete the filing as required by the relevant departments.

4.2 The recycling operator has not had any major safety or environmental accidents in the past three years (including those established for less than three years).

4.3 The recycling operators have no record of illegal or irregular activities, abnormal operations, or administrative or criminal penalties in the past three years (including those established for less than three years).

4.4 The site selection for recycling operations should comply with the requirements of the national land space planning.

4.5 Recycling operators shall deliver waste household appliances to enterprises with waste electrical and electronic product processing qualifications for processing.

5. Evaluation Index System The evaluation index system for waste household appliance recycling services consists of two levels of evaluation indicators. The first level of evaluation indicators includes basic management systems.