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

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**Evaluation specifications for recycling technology in waste
battery chemicals**

废弃电池化学品回收利用技术评价规范

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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 Petroleum and Chemical Industry Federation.

This document is under the jurisdiction of the National Technical Committee on Standardization of Waste Chemicals Disposal (SAC/TC294).

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Waste battery chemical recycling technology Evaluation Standards

1 Scope

This document stipulates the compliance principles, evaluation principles, evaluation index system, and evaluation methods for the evaluation of waste battery chemical recycling technologies.

Legal and evaluation procedures.

This document applies to the evaluation of waste battery chemical recycling technologies by industrial enterprises or relevant departments.

Note. This document is primarily for discarded lithium-ion and nickel-metal hydride batteries.

2 Normative references

GB 18597

GB 18599

GB/T 34695

GB/T 44132-2024

3 Terms and Definitions

The terms and definitions defined in GB/T 34695 apply to this document.

4 Compliance Principles

4.1 Enterprises engaged in the recycling and utilization of waste battery chemicals shall be established in accordance with the law and shall comply with relevant laws and regulations during construction and actual production.

It complies with regulations, policies, and relevant standards.

4.2 The statistical reporting period (generally one production year is considered a statistical reporting period; for those established for less than one year, adjustments may be made based on actual circumstances) should be within the period.

There were no major or above safety accidents or sudden environmental incidents.

4.3 The management of the production, import, storage, use, operation and transportation of hazardous chemicals is governed by the "Regulations on the Safety Management of Hazardous Chemicals".

4.4 The management of the generation, collection, storage, transportation and disposal of solid waste shall comply with the provisions of GB 18597 and GB 18599.

4.5 Recycled products shall comply with the provisions of 7.2.2 in GB/T 44132-2024.

5 Evaluation Principles

5.1 Technology evaluation should scientifically, objectively, truthfully, and comprehensively reflect the actual situation of technology application.

5.2 Multiple technology evaluations should be classified according to the characteristics of the technologies, and appropriate evaluation indicators should be formulated for different types of technologies.

5.3 Evaluation indicators should cover four aspects, technical indicators, environmental indicators, resource indicators, and economic indicators.

5.4 Evaluation indicators should be interconnected yet relatively independent, avoiding overlap.