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

GB/T 33450-2025

Replacing GB/T 33450-2016

**Guideline for the transformation from scientific and technical
achievement to standard**

科技成果转化标准指南

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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 33450-2016 "Guidelines for the Transformation of Scientific and Technological Achievements into Standards". Compared with GB/T 33450-2016, the main changes are... The following is an explanation.

---The introduction has been modified;

---The terminology for scientific and technological achievements and standards in Chapter 3 has been revised (see

3.1 and 3.2, 2016 edition of

e) of Chapter 4 have been amended (see Chapter 4, 2016 edition);

---Added sections 5.1c), 5.3.1e~g), 5.3.2d~g), 5.4a), c), d), and 5.5c (see...) Chapter 5 (Chapter 5 of the 2016 edition);

---Chapter 6 has been added (see Chapter 6);

7.2 have been revised (see

6.2 in the 2016 edition);

---Revised sections 8.1, 8.2, and

8.3 of Chapter 8 (see sections 8.1, 8.2, and 8.3; Chapter 7 of the 2016 edition);

---Appendix A has been added;

---References have been added. 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 and is under the jurisdiction of the National Technical Committee on Service Standardization (SAC/TC264). This document was drafted by: China National Institute of Standardization, China Petroleum & Chemical Corporation Economic and Technological Research Institute, China Technology Market Association, and Advanced Technology Achievement Transformation Center of Yangtze River Delta, GEM Co., Ltd., Institute of Forensic Science, China Association for the Promotion of Science and Technology Industrialization, China Nuclear Power Engineering Corporation Cheng Co., Ltd., State Grid Jiangsu Electric Power Co., Ltd., China Railway First Group Co., Ltd., Zhijiang Laboratory, Sichuan Provincial Transportation Construction Group Co., Ltd. Limited Liability Company, China Jiliang University, China Power Construction Group Co., Ltd., Taizhou Intellectual Property Protection Center, China Railway Sixth Group Co., Ltd. Company, China Highway Engineering Consulting Group Co., Ltd., Sichuan Tianfu New Area Management Committee, Ningbo Institute of Standardization, North China Geological Exploration Bureau 519 Brigade, China Railway Fourth Bureau Group Co., Ltd., Jiaxing Nanhu District Market Supervision Administration, China Railway Sixteenth Bureau Group Co., Ltd., Shenzhen Architectural Design & Research Institute Co., Ltd., Chengdu Institute of Standardization, Shanghai Biaokai Engineering Technology Consulting Center, Shenzhen Deweixian Technology Co., Ltd. Limited Liability Company, Heilongjiang Provincial Intellectual Property Protection Center. The main drafters of this document are: Jin Zongzhen, Fu Qiang, Li Han, Zheng Juan'er, Zhang Jiaming, Han Bing, Cao Lili, Wang Yan, Zeng Yi, Tang Wei, and Xu Kaihua. Yang Yi,

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1 Scope

GB/T 33450-2025 is the Chinese national standard covering turning a research result into a standard - judging whether the work is mature and reproducible enough, the intellectual property that has to be cleared first, the choice of standard type and level, and the drafting and validation that follow. Issued on 5 October 2025, it has been in force since 1 February 2026, replacing GB/T 33450-2016.

This document provides a needs analysis, feasibility analysis, feasibility assessment, and determination of standard types and content for the transformation of scientific and technological achievements into standards. Guidance in this regard. This document applies to activities that develop standards based on scientific and technological achievements.

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

3 Terms and Definitions

The terms and definitions defined in GB/T 20000.1 and the following terms and definitions apply to this document.

3.1 Results that have practical value are produced through scientific research and technological development. [Source: GB/T 39057-2020, 2.1]

3.2 standard Standardization activities, conducted through consensus and following prescribed procedures, provide rules, guidelines, or characteristics for various activities or their outcomes. Files that are used together and reused. Note

1. Standards should be based on a combination of scientific, technological, and experiential

findings. Note

2.The prescribed procedures refer to the standard-setting procedures promulgated by the standard management organization. Note

3.International standards, regional standards, national standards, and industry standards are publicly available and can be updated as needed through amendments or revisions. Because their technological levels are synchronized, they are considered to constitute recognized technical rules. Other standards, such as group standards and enterprise standards, can influence several... area. [Source: GB/T 20000.1-2014, 5.3, with modifications]

4 Test Method Standards

GB/T 20001.10 Standard Drafting Rules Part

10 Product Standards

GB/T 24620 Service Standard Development Guidelines Considering Consumer Needs

GB/T 28222 General Rules for Drafting Service Standards