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

GB/T 45309-2025

**Guidelines for classification and coding of enterprise
procurement supplies**

企业采购物资分类编码指南

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Table of Contents

1 Scope	1
2 Normative references	1
3 Terms and Definitions	1
4 Abbreviations	1
5 General Principles	1
6 Classification Coding Method	2
32 Reference	33

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 is proposed and coordinated by the National Article Coding Standardization Technical Committee (SAC/TC287). This document was drafted by: China Federation of Logistics and Purchasing, Guangdong Nuclear Power Joint Venture Co., Ltd., China Article Numbering Center, National Energy Group Tuanwu Co., Ltd. Data Technology Branch, China Energy Engineering Co., Ltd., Shandong Port Sunshine Huicai Service Co., Ltd., Zhenkun Industrial Supermarket (Shanghai) Co., Ltd., China CRRC Corporation Limited, Beijing Tianyuan Dico Network Technology Co., Ltd., China Resources Shouzheng Bidding Co., Ltd., China Electric Power Equipment Co., Ltd., China Telecom Group Co., Ltd., China Mobile Communications Group Co., Ltd., China Minmetals Group Co., Ltd., China Petrochemical Corporation, China National Offshore Oil Corporation, China Communications Construction Group Co., Ltd., China Construction Co., Ltd., China Merchants Group Co., Ltd., Ping An Insurance (Group) Co., Ltd., Beijing Xinfangsheng Digital Technology Technology Co., Ltd., China General Technology (Group) Holding Co., Ltd., China General Consulting Investment Co., Ltd., Yangcai Group Co., Ltd., China Southern Power Grid Supply Chain Group Co., Ltd., China Electronics Information Industry Group Co., Ltd., China National Nuclear Corporation (Shanghai) Supply Chain Management Co., Ltd., China Aerospace Science and Technology Corporation, China Information and Communications Technology Group Corporation, Guangzhou Exchange Group Co., Ltd., China Mining and Logistics Network (Beijing) Supply Chain Management Consulting Co., Ltd., Cathay New Point Software Co., Ltd. The main drafters of this

document are. Peng Xinliang, Jiang Xinghua, Li Sucai, He Liuyi, Zhang Longjiang, Wang Dong, Wang Pei, Lü Xiaojiao, Ran Yuchen, Qin Lijuan, Zhang Kang, Wang Jianxiang, Li Lin, Fang Xin, Chen Jing, Zhang Chu, Li Xueming, Chen Zhen, Wang Lu, Zhang Cui, Yan Lijie, Xie Lituo, Ran Peng, Huai Wenming, Wu Kai, Liu Chao, Shi Tongyang, Wang Yan, Yu Wenye, Zhang Meng, Teng Houxue, Wang Yanlin, Xu Lei, Gao Long, Sun Wei, Zuo Julu, Cao Wenping, Yu Bin, Li Lili, He Zhiyi, Chang Zhaohui, Ma Tianqi, Yang Minzhi, Pan Xinying, Feng Jun, Wu Yingjian, Wang Jie, Rao Xuanjun, Xiong Leqin, Ji Hao, and Chen Zhou. Guidelines for Classification and Coding of Enterprise Procurement Materials

1 Scope

GB/T 45309-2025 gives the Chinese guidelines for classifying and coding the materials an enterprise procures. Every large company ends up with a material master that has grown by accretion, in which the same item exists under four codes and no two divisions classify alike; the cost is invisible until someone tries to consolidate spend, negotiate on volume or connect the system to a supplier's. The standard sets the general principles a classification must satisfy, the classification and coding method itself, and, most usefully, the association mapping between an enterprise scheme and the external schemes it has to interoperate with. Informative annexes introduce the United Nations Standard Products and Services Code and the other reference classifications, so that a Chinese enterprise scheme can be related to the international ones rather than standing alone. For a company building or rationalising a material master in China, or for a supplier that must map its catalogue onto a Chinese customer's, this is the reference. It takes effect on 1 September 2025.

This document provides the overall principles for the classification and coding of enterprise purchased materials, guidance on classification and coding methods and associated mapping. This document applies to the construction and application of enterprise procurement material classification and its codes.

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 7027 Basic principles and methods of information classification and coding

GB/T 10113 General terms for classification and coding

GB/T 37004-2018 General Guidelines for National Article Coding United Nations Standard Products and Services Classification Code (UNSPSC) Government Procurement Item Classification Catalogue (to be issued in 2022)

3 Terms and definitions

The terms and definitions defined in GB/T 7027, GB/T 10113 and the following apply to this document.

3.1 Enterprise procurement suppliesenterpriseprocurementsupplies The general term for material materials and services purchased by an enterprise to meet the needs of its production and operation activities.

4 Abbreviations

The following abbreviations apply to this document. GPCC. Government Procurement Category Catalogue UNSPSC. United Nations Standard Products and Services Classification Code Code)

5 General Principles

5.1 Enterprises should give priority to using some or all categories of UNSPSC or GPCC as the classification codes for their purchased materials.

5.2 If enterprises construct their own classification codes for purchased materials, they should follow national and industry standards and establish links with UNSPSC or GPCC. Mapping relationship.