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

GB/T 42767-2023

**General requirements for setting of municipal solid waste
collecting devices**

城市垃圾收集装置设置通用要求

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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 contents of this document may refer to patents: The issuing agency of this document assumes no responsibility for identifying patents: This document is proposed and managed by the National Urban Public Facilities Service Standardization Technical Committee (SAC/TC537): This document was drafted by: Beijing Institute of Standardization, University of Science and Technology Beijing, Zhejiang Lianyun Environmental Engineering Co., Ltd., Shouguang Environmental Sanitation Group Cleaning Co., Ltd., Hubei Jiashicheng Environmental Protection Technology Co., Ltd., Beijing Urban Management Research Institute, Tianjin Standardization Research Institute, Hebei Provincial Institute of Standardization, Beijing Standardization Association, Beijing Energy Conservation and Environmental Protection Promotion Association, China Urban Construction Research Institute Co., Ltd., Chaoyang District, Beijing Center for Disease Control and Prevention, Beijing Chaoyang District Educational Science Research Institute, Beijing-Tianjin-Hebei Iron and Steel Alliance (Qian'an) Collaborative Innovation Research Institute Co., Ltd., State Grid Integrated Energy Service Group Co., Ltd., Overseas Chinese Bank Urban Management Co., Ltd., Beijing Institute of Metrology and Testing, Beijing Enterprises Qingdao Fu (Beijing) Urban Environmental Service Co., Ltd., Beijing Environment Co., Ltd., Beijing Government Office Affairs Administration, Beijing 30600 Carbon Technology Co., Ltd., Beijing Technology and Business University, Beijing Miyun District Health Commission, Beijing Miyun District Center for Disease Control and Prevention, and Beijing Dongcheng District Education Commission: The main drafters of this document: Li Wenfeng, Jia Yueqin, Pan Chongchao, Liu Xuetao, Chen Xiangchun, Yu Siyang, Wang Yong, Huang Zheng, Sun Jiangang, Xiong Husheng, Jiang Wei, Tian Chuan, Zhang Ke, Fan Xu, Gao Limei, Lu Yuan, Lan Yujing, Yin Xiaobo, Luo Guiping, Xiao Yanjuan, Geng Yue, Jiao Yue, Yang Xiaoqin, Li Yan, Liu Jie, Liu Jie, Li Qiuxia, Li Na, Zhang Qingwei, Huang Jinling, Sun Burong, Liu Wei, Nan Nan, Ruan Qiong, Xun Fangfei, Zhang Hourui,

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This document is formulated in order to implement the relevant regulations such as the "Implementation Plan for the Domestic Garbage Sorting System" and meet the requirements of urban management in my country: through reasonable Set up urban waste collection devices to make the urban waste collection devices better meet the needs of daily life, thereby helping to promote the separation of urban domestic waste: categories, improve the quality of urban environmental sanitation, and improve the service level of urban public facilities: General requirements for municipal waste collection installations

1 Scope

GB/T 42767-2023 sets the general requirements for siting and specifying municipal waste collection devices. China introduced mandatory waste sorting in its major cities, and the collection point is where the policy succeeds or fails: if the bins are inconvenient, unlit, badly labelled, too few or too far, people put everything in the nearest one and the sorting collapses. The standard sets the general requirements, the design requirements covering appearance, safety, accessibility, environmental protection and the particular requirements for intelligent collection devices, and the layout requirements for each setting - residential areas, offices, dining areas, operational areas and elsewhere. It took effect on 1 September 2023.

This document specifies the general requirements, design requirements, layout requirements and management requirements for the installation of urban garbage collection devices: This document is applicable to the installation and management of municipal solid waste collection devices in residential areas, office areas, catering areas, business areas and other areas: This document does not apply to the installation and management of municipal construction waste and industrial waste collection devices:

2 Normative references

The contents of the following documents constitute the essential provisions of this document through normative references in the text: Among them, dated references For documents, only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document: GB/T 2893:

1 Graphical symbols Safety colors and safety signs Part 1: Design principles for safety signs and safety signs

GB/T 4208-2017 Enclosure protection level (IP code) GB/T 10001:

9 Graphic symbols for public information Part 9: Symbols for barrier-free facilities

GB/T 19095 Household waste classification marks

GB 30981 Limits of Hazardous Substances in Industrial Protective Coatings

GB/T 31015 Design and Setup Principles of Public Information Guidance System Based on Barrier-free Requirements

GB/T 32555 Urban Infrastructure Management

GB 33372 Adhesive Volatile Organic Compound Limit

GB/T 50337 Urban Environmental Sanitation Facilities Planning Standards

GB 50763 Barrier-free design specification

GB 55013 City Appearance and Sanitation Project Specifications CJJ

27 Environmental Sanitation Facilities Setting Standards CJJ/T 125 Environmental Sanitation Graphical Symbol Standard

HJ2025 Technical Specifications for Hazardous Waste Collection, Storage and Transportation

3 Terms and Definitions

The following terms and definitions apply to this document: 3:1 municipal solid waste Solid waste generated in urban daily life or activities that provide services for urban daily life:

Note: Municipal solid waste also includes solid waste that is regarded as municipal solid waste in laws and administrative regulations: 3:

2 Terminal facilities and equipment for sorting and sorting municipal solid waste (3:1):