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

GB/T 47068-2026

**Technical requirements for the equipment of construction and
demolition waste sorting systems**

建筑垃圾分选系统装备技术要求

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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 Building Materials Federation. This document is under the jurisdiction of the National Technical Committee on Standardization of Building Materials and Equipment (SAC/TC465). This document was drafted by: Zhengzhou Yifan Machinery Equipment Co., Ltd., China Building Materials Machinery Industry Association, and Taicang Jinma Intelligent Equipment Co., Ltd. Company, Jiangsu Tianpeng Electromechanical Manufacturing Co., Ltd., Beijing Urban Construction Huasheng Transportation Construction Co., Ltd., Zhejiang Meianpu Mining Machinery Co., Ltd. Sany Construction Technology (Miluo) Co., Ltd., Luoyang Institute of Technology, Jiangsu Tianwo Heavy Industry Technology Co., Ltd., and Shijia Intelligent Manufacturing (Shanghai) Technology Co., Ltd. The company, Huitong Construction Group Co., Ltd., Shandong Expressway Construction Management Group Co., Ltd., China Power Construction Group Co., Ltd., Shenyang Construction Zhuzhou University and Xinxiang Gaofu Machinery Co., Ltd. The main drafters of this document are: Ding Xing, Dai Hualei, Shi Fengtao, Wang Yumin, Ma Zhigang, Zhu Chun, Zhang Weibao, Xi Pengfei, Li Bin, Zhang Ke, and Gu Xuefang. Yang Bo, Wu Wengen, Sun Yiqun, Lu Guanghui, Zhang Lei, Qian Jianghai, Zhang Yangang, Wu Zhiyong, Zhou Dongmei, Zhang Weiqun, Zhou Kun, Cheng Zhengbang, Yu Wenda, Le Hai, Wang Xiaorong, Zhang Ao, Yu Jinbao, He Zhanxu, Wang Yuehe, Song Yahu, Zhang Hong.

Technical Requirements for Construction Waste Sorting System Equipment

1 Scope

GB/T 47068-2026 is the Chinese national standard covering the plant that sorts demolition

rubble - the crushers, screens, air separators and magnets that pull concrete, brick, wood, metal and plastic apart, with their capacity, their separation efficiency and the dust and noise they must not produce. China demolishes on a scale nobody else does, and this is what decides whether that material becomes aggregate or landfill. First edition. It was issued on 28 January 2026 and has been in force since 1 August 2026, as a first edition. The document is under the responsibility of the China Building Materials Federation. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

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 191 Packaging and Storage Graphic Symbols

GB/T 1184-1996 Geometric Tolerances - Tolerances Without Specified Values

GB/T 1804-2000 General tolerances - Tolerances for linear and angular dimensions without specified tolerances

GB/T 2893.1 Graphical symbols, safety colors, and safety signs-Part

GB/T 7932 General rules and safety requirements for pneumatic systems and their components

GB/T 7935 General Technical Requirements for Hydraulic Components

GB/T 8196 General requirements for the design and manufacture of fixed and movable protective devices for mechanical safety.

GB/T 9969 General Rules for Instructions for Use of Industrial Products

GB/T 10595 Belt Conveyors Common technical requirements for

GB/T 11022 High-voltage AC switchgear and controlgear standards

GB 14554 Odor Pollutant Emission Standard

GB 14784 Safety Specifications for Belt Conveyors

GB/T 16754 Design Principles for Emergency Stop Functions in Mechanical Safety

GB 18613-2020 Minimum Energy Efficiency Values and Energy Efficiency Grades for Electric Motors

GB/T 18831 Design and selection principles of interlocking devices related to mechanical safety and protective devices

GB/T 19670 Safety of Machinery - Prevention of Accidental Start

GB 19761-2020 Energy Efficiency Limits and Energy Efficiency Grades for Ventilation Fans

GB/T 25176 Recycled fine aggregates for concrete and mortar

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