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PEOPLE'S REPUBLIC OF CHINA**

GB/T 46858-2025

Guidelines for rural household latrine reconstruction

农村户厕改造指南

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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. 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 Ministry of Agriculture and Rural Affairs of the People's Republic of China. This document was drafted by: the Planning and Design Institute of the Ministry of Agriculture and Rural Affairs, the Guangxi Zhuang Autonomous Region Urban and Rural Planning and Design Institute, and the China Institute of Standardization. Institute, Beijing Haidian Landscape Engineering Design Institute, Tianjin University. The main drafters of this document are. Wang Xizhuo, Yuan Shichao, Zeng Na, Dong Xi, Gao Fengjing, Sun Jie, Gao Hua, Wang Lu, Zhang Chunying, Zhang Panhua, and Chang Yanli. Sun Liqiang, Yun Zhenyu, Cai Xuebin, Miao Siqi, Ma Xiaolei, Liu Dahua, Lu Zhaohui, Zuo Mingwei, Mao Shengwen, Wu Jiajia, Xie Huijing, Yang Liguang Zhang He and Wang Rui. Rural Household Toilet Renovation Guide

1 Scope

GB/T 46858-2025 is the Chinese national standard covering converting a rural household latrine - the choice of type by climate and water availability, the sealed tank or biogas digester, the safe emptying, and the winter behaviour in places where a water-flush toilet freezes. The rural toilet programme is one of the largest public health campaigns in China.

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This document provides guidance on the selection of models, construction preparation, commencement of construction, completion acceptance, technical services, and management of rural household toilets for new construction and renovation. Information such as protection. This document applies to standardizing the construction, renovation, operation, and maintenance of rural household toilets in various regions.

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 19379 Standard for Hygiene of Rural Household Toilets

GB/T 38836 Technical Specification for Construction of Rural Three-Compartment Household Toilets

GB/T 38838 Technical Specification for Construction of Household Toilets with Centralized Sewer Collection System in Rural Areas

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 The process of making rural household toilets meet functional and hygiene requirements, and have a certain function of harmless treatment of fecal waste.

4 General Principles

4.1 Adhere to government guidance and farmer participation. With the goals of facilitating farmers' lives, protecting their health, and improving their quality of life, the government will focus on agriculture... Based on the will of the people, we solicit farmers' opinions before toilet renovation, mobilize farmers to participate during the renovation, and ensure farmers' satisfaction after the renovation.

4.2 Adhere to the principle of adapting to local conditions and changing times. Based on local natural conditions, economic development level, culture, and customs, be realistic and

pragmatic. The plan for toilet renovation was determined by the higher authorities. A scientific and rational selection of technological models was made, adapting to both water-rich and arid conditions.

4.3 Adhere to the principle of quality first and focus on practical results. Seek excellence over speed, refine implementation measures, select the best technical solutions, and carry out rural household toilet renovation in a pragmatic manner.

4.4 Adhere to the principle of giving equal importance to construction and management, and ensure long-term operation. Promote the coordinated treatment of toilet waste and domestic sewage, and improve the system that combines government guidance with market operation. Establish a long-term management and maintenance mechanism and improve the service system.

5 Mode Selection

5.1 The site selection for rural household toilets should be combined with the overall layout of the courtyard and house, fully consider geographical conditions, and make reasonable use of existing facilities. Newly built or renovated household toilets should preferably be located in... The courtyard and the interior should be scientifically planned in terms of spatial location.

5.2 Based on actual needs, organize toilet renovation technical experts to establish a list of toilet renovation technical models through on-site investigation, comparison, and demonstration. (This is in response to...) New technologies and models should be piloted for a full calendar year, and only after evaluation, demonstration, and public approval can they be included in the list of technology models.