

ICS 13.020
CCS C51



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

GB/T 17217-2021

Replacing GB/T 17217-1998

Hygienic specification for public toilet

公共厕所卫生规范

Issued on: March 9, 2021

Implemented on: October 1, 2021

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

Table of Contents

1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Hygienic requirements for planning, design and construction	2
5 Hygiene evaluation index and threshold	3
14 Reference	16

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 17217-1998 "Urban Public Toilet Hygiene Standards", compared with GB/T 17217-1998, the main technology The changes are as follows:

- Modified the scope of application (see Chapter 1, Chapter 1 of the.1998 edition);
- Added "normative references" and "terms and definitions" (see Chapter 2 and Chapter 3);
- Adjusted the sanitation requirements including planning layout, facility design, facility construction and daily management (see Chapter 4 and Chapter 6,.1998 edition Chapter 4 and Chapter 5);
- The content of the construction process of harmless sanitary toilets has been added (see 4.3);
- Canceled the classification of public toilets in Table 1 of the original standard (see Table 1 of the.1998 edition);
- Adjusted the limits of some indicators (see Chapter 5, Chapter 3 of the.1998 edition);
- Added the sanitary requirements for the treatment of three compartment septic tanks, biogas purification tanks, manure and urine diversity, double urn and three urn manure storage tanks (see Appendix A, Appendix B, Appendix C, Appendix D);
- Added four-level odor intensity test method, fecal coliform instrument rapid test method and other normative appendices (see Appendix E, Appendix F, Appendix G). This standard was proposed and managed by the National Health Commission of the People's Republic of China. Drafting organizations of this standard. China Center for Disease Control and Prevention, Environmental and Health Related Product Safety Institute, Henan Provincial Center for Disease Control and Prevention, Jilin Province Center for Disease Control and

Prevention, Hubei Province Center for Disease Control and Prevention, Jiangxi Province Center for Disease Control and Prevention, Liaoning Province Center for Disease Control and Prevention Center, Sichuan Provincial Center for Disease Control and Prevention, Jiangsu Provincial Center for Disease Control and Prevention, Guangdong Provincial Center for Disease Control and Prevention, Xinjiang Production and Construction Corps Youth League Health Committee, Biogas Science Research Institute, Ministry of Agriculture, Tianjin City Appearance and Garden Management Committee, Luoyang City Patriotic Movement Committee, Henan Province Office, Office of the Patriotic Health Campaign Committee of Fuyang City, Anhui Province. The main drafters of this standard. Wang Junqi, Pan Lijun, Zhang Benjie, Cai Shiwen, He Yinghua, Pan Shunchang, Zhang Liubo, Kong Linxun, Zhang Lingyao, Wang Youbin, Li Qiujuan, Ji Zhongyi, Sun Fengying, Tian Hongchun, Zhen Shiqi, Zhang Jianpeng, Zhang Yufeng, Xiao Jinchang, Zheng Shixuan, Tang Guoliang, Wu Wen, Li Nailin, Gao Xingang, Han Xu. The previous versions of the standard replaced by this standard are as follows:

---GB/T 17217-1998. Hygienic Code of Public Toilets

1 Scope

GB/T 17217-2021 is the Chinese national standard on hygienic specification for public toilet, in the field of environment and health protection, safety. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 9 March 2021 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 October 2021. Classification: ICS 13.020, CCS C51. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the hygienic requirements and hygienic evaluation indicators and thresholds for the planning, design, construction, and management of public toilets. This standard is applicable to new, rebuilt and expanded fixed public public use in cities, villages, tourist areas and expressway service areas. Planning, design, construction, management and hygiene evaluation of shared toilets and public restrooms set up in public places. Existing public toilets, school School public toilets and public toilets used by internal personnel of the unit can be implemented by reference.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated

reference documents, the latest version (including all amendments) is applicable to this document.

GB 7959 Hygienic requirements for the harmlessness of feces

GB/T 11742 Standard method for hygienic inspection of hydrogen sulfide in the air of residential areas methylene blue spectrophotometric method

GB/T 14679 Air quality-Determination of ammonia-Sodium hypochlorite-salicylic acid spectrophotometric method

GB/T 18204.1 Hygienic inspection methods for public places Part

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Publictoilet Set up fixed toilets for public use in public activity places.

Note. According to whether it is attached to other buildings, it is divided into independent public toilets and attached public toilets.

3.2 Innocuous sanitary toilet Sanitary toilets with facilities to effectively reduce the infectiousness of biological pathogenic factors in feces.

Note. Three-cell and above septic tank type, biogas tank type, double urn and three urn type with front-end treatment facilities, urine-diverting type, and water flushing type with complete water and sewage Wait for the model toilet.

3.3 Front treatment facilities Before the feces from the toilets are discharged, the feces can reach the treatment facilities required by the harmless standards.

3.4 Ratioofglazingareatofloorarea The ratio of the effective light transmission area (A_c) of the window to the floor area (A_d) of the room (A_c/A_d).

14 Urban Public Toilet Design Standard

NY/T 1702-2009 Technical Specification for Biogas Digester for Purification of Domestic Sewage