

ICS 13.020
CCS C51



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

GB 37489.4-2019

Replacing GB 9665-1996

**Hygienic specification for the design of public place-Part 4:
Public place of bath**

公共场所设计卫生规范 第4部分：沐浴场所

Issued on: April 4, 2019

Implemented on: November 1, 2019

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

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Foreword

In this Part, 4.3, 5.1.2,

5.2.3 are recommended clauses; the remaining clauses are mandatory. The series of hygienic standards for public places are constituted of five standards: GB/T 18204 Examination Methods for Public Places; GB 37487 Health Management Specification for Public Places; GB 37488 Hygienic Indicators and Limits for Public Places; GB/T 37489 Hygienic Design Specification for Public Places; GB/T 37678 Hygienic Evaluation Specification of Public Places. GB 37489 Hygienic Design Specification for Public Places is divided into five parts: -- Part 1: General Requirements; -- Part 2: Public Accommodation; -- Part 3: Artificial Swimming Place; -- Part 4: Bathing Buildings; -- Part 5: Barber and Beauty. This is the fourth part of GB 37489. This Part was drafted in accordance with the rules in GB/T 1.1-2009. This Part partially replaces the content of design-related hygienic requirements in: GB 9665-1996 Hygienic Standard for Public Bathroom. In comparison with GB 9665-1996, this Part has several main technical changes as follows: -- Hygienic requirements of overall layout and function division are refined; -- Hygienic requirements of bathing area design are refined; -- Hygienic requirements of locker room, cleaning and disinfection room and storage room design are added; -- Hygienic requirements of water supply and drainage, and electrical design are added. This Part was proposed by and shall be under the jurisdiction of National Health Commission of the People's Republic of China. The drafting organizations of this Part: Shanghai Municipal Center for Disease Control & Prevention, Shanghai Municipal Health Commission Supervision Office, Fudan Hygienic Design Specification for Public Places - Part 4: Bathing Buildings

1 Scope

GB 37489.4-2019 is the Chinese national standard on hygienic specification for the design of public place-part 4: public place of bath, in the field of environment and health protection, safety. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 4 April 2019 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 November 2019. 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 Part of GB 37489 stipulates the basic requirements of newly constructed, expanded and re-constructed bathing places; and the hygienic design requirements of overall layout, function division, monomer, heating ventilation air conditioning, water supply and drainage, and electrical design. This Part is applicable to public bathing rooms. Other bathing places may take this as a reference. This Part is not applicable to bathing places for infants.

2 Normative References

The following documents are indispensable to the application of this document. In terms of references with a specified date, only versions with a specified date are applicable to this document. In terms of references without a specified date, the latest version (including all the modifications) is applicable to this document.

GB 37489.1 Hygienic Design Specification for Public Places - Part 1: General Requirements JGJ

3 Basic Requirements

Bathing places shall comply with the requirements in GB 37489.1.

4 Overall Layout and Function Division

4.1 Bathing areas, locker rooms, lounges, public bathrooms, cleaning and disinfection rooms, storage rooms and other subsidiary rooms shall be set up and reasonably distributed. Locker rooms shall connect with bathing areas.

4.2 Bathing places with bathing pools shall set up pool water treatment machine rooms and warehouses exclusive for disinfectants, which shall not connect with bathing areas, locker rooms or lounges.

5.3.2 When cups are provided, and cleaning and disinfection of the cups are voluntarily conducted, exclusive cleaning and disinfection rooms shall be set up. When physical methods are adopted to disinfect cups, there shall be cleaning pool and disinfection cabinet in the disinfection room. When chemical methods are adopted to disinfect cups, decontamination pool, disinfection pool and cleaning pool that are exclusive for cups shall be set up in the disinfection room. The capacity and depth of the disinfection pool shall be able to satisfy the demand of immersion disinfection.

5.4 Warehouse Exclusive for Disinfectants

5.4.1 Warehouse exclusive for disinfectants shall be independently set up; and close to secondary channels in the building, and dosing room of water treatment machine room.

5.4.2 Walls, ground, doors and windows shall adopt anti-corrosive materials that can be easily cleaned.

5.4.3 Water supply and drainage facilities shall be set up; rinsing and eye-washing facilities shall also be set up.

6 Heating Ventilation Air Conditioning

6.1 Bathing areas shall set up mechanical air ventilation and dehumidification facilities.

6.2 Locker rooms shall set up heat supply facilities and ventilation facilities.

6.3 Warehouses exclusive for disinfectants, areas that use coal or gas equipment shall set up mechanical exhaust devices and monitoring and warning devices for toxic and harmful gases. Air ventilation and exhaust rate for accidents shall not be lower than 12 times/h.

6.4 Air ducts and their accessories shall adopt anti-corrosive materials, or, adopt corresponding anti-corrosive measures.

7 Water Supply and Drainage

7.1 Bath pool water treatment equipment shall not connect with pipelines for shower water or drinking water.

7.2 Hair filtration device shall be set up.