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

GB 37489.3-2019

Replacing GB 9667-1996

**Hygienic design specification for public places - Part 3:
Artificial swimming place**

公共场所设计卫生规范 第3部分：人工游泳场所

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Foreword

In this Part, 5.2, 6.2.4,

7.2 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 third 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 9667-1996 Hygienic Standard for Swimming Place. In comparison with GB 9667-1996, this Part has several main technical changes as follows: -- Hygienic requirements of overall layout and function division are refined; -- Hygienic requirements of swimming pool, locker room, shower room and foot bath disinfection basin are refined; -- Hygienic requirements of disinfection room and storage room (zone) are added; -- Hygienic requirements of water treatment design for swimming pool are refined; -- Hygienic requirements of heating ventilation air conditioning design are refined; -- Requirements of 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. Hygienic Design Specification for Public Places - Part 3: Artificial Swimming Place

1 Scope

GB 37489.3-2019 is the Chinese national standard on hygienic design specification for public places - part 3: artificial swimming place, 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 reconstructed artificial swimming places; and the hygienic design requirements of overall layout, function division, monomer, swimming pool water treatment design, heating ventilation air conditioning, illumination and electrical design. This Part is applicable to swimming pools (natatoriums). Other artificial swimming places may take this as a reference. This Part is not applicable to swimming 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 19079.1 Operation Conditions and Technical Requirements for Gymnasium and Playground - Part 1: Swimming Place

GB 37489.1 Hygienic Design Specification for Public Places - Part 1: General Requirements
CJJ 122 Technical Specification for Water Supply and Drainage Engineering of Swimming Pool JGJ

3 Terms and Definitions

The following terms and definitions are applicable to this document.

3.1 Artificial Swimming Place Artificial swimming place refers to various indoor and outdoor

water surfaces (areas) and their facilities and equipment, which are artificially constructed and opened up to the public for swimming activities. Where, A-- the maximum acceptable number of swimmers; S-- swimming pool area, expressed in (m²).

6.2.4 Wardrobes should be manufactured with smooth, mold-proof and water-proof materials.

6.3 Shower Room

6.3.1 Shower rooms for male and female shall be respectively set up. A shower nozzle shall be set up per 20 persons ~ 30 persons.

6.3.2 Shower partitions should be set up.

6.3.3 The walls and ceilings shall use anti-corrosive, heat-resistant, damp-proof and water-proof materials. The ceilings shall have measures to prevent from water vapor condensation. The ground shall be anti-corrosive, anti-seepage and non-slippery; and convenient for cleaning and disinfection. The ground shall have a certain gradient and a water drainage system.

6.3.4 In adjacent area of shower rooms, public bathrooms shall be set up. The floor of public bathrooms shall be lower than the shower rooms.

6.4 Foot Bath Disinfection Basin On the passage from shower room to swimming pool, mandatory passing through-type foot bath disinfection basin shall be set up. Its width shall be the same as the passage; its length shall be not less than 2 m; its depth shall be not less than 20 cm. Foot bath disinfection basin shall have conditions for water supply and drainage.

6.5 Cleaning and Disinfection Room

6.5.1 When public supplies like towels, bath towels and slippers are provided, and cleaning and disinfection of the public supplies are voluntarily conducted, exclusive cleaning and disinfection rooms shall be set up. In the cleaning and disinfection rooms, there shall be a cleaning and disinfection pool exclusive for towels, bath towels and slippers, etc.