

ICS 13.020

CCS c 51



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

GB 19053-2024

**Safety limits of pathogenic bacteria for funeral and interment
place**

殡仪场所致病菌安全限值

Issued on: November 28, 2024

Implemented on: December 1, 2025

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

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and definitions
- 4 Microorganisms of public supplies and utensils
- 5 Central air conditioning and ventilation systems
- 6 Hygiene monitoring technical specifications

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. This document replaces GB 19053-2003 "Safety Limits of Pathogens in Funeral Places". Compared with GB 19053-2003, in addition to structural adjustments and In addition to editorial changes, the main technical changes are as follows:

- Added a chapter on "Terms and Definitions" (see Chapter 3);
- Changed the safety limit of fungi in the indoor air of funeral rooms (see 4.1, 3.1 of the.2003 edition);
- Added the safety limit of fungi in the central air-conditioning and ventilation system in funeral places (see 4.3);
- Added the safety limit of fecal coliform group in sewage in funeral places (see 4.5);
- Added hygienic requirements for timely disinfection of remains (see 5.1);
- Changed the hygiene requirements for funeral vehicles (see 5.2, 4.1 of the.2003 edition);
- Changed the hygiene requirements for embalming, cosmetic and plastic surgery tools (see 5.4, 4.3 of the.2003 edition);
- Added hygiene requirements for accommodation in funeral venues (see 5.6). Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document is proposed and coordinated by the Ministry of Civil Affairs of the People's

Republic of China. The previous versions of this document and the documents it replaces are as follows:

---First published in 2003 as GB 19053-2003;

1 Scope

GB 19053-2024 is the Chinese national standard on safety limits of pathogenic bacteria for funeral and interment 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 28 November 2024 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 December 2025. Classification: ICS 13.020, CCS c 51. 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 document specifies the safety limits, hygiene requirements and monitoring and inspection methods for pathogens in various types of funeral venues. This document applies to funeral places such as funeral homes, funeral service stations, cemeteries and columbariums.

2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 18204.3 Public places hygiene inspection methods Part

3 Terms and definitions

The terms and definitions defined in GB/T 23287 and the following apply to this document.

3.1 pathogenic bacteria Microorganisms that can cause disease to the host.

Note. including bacteria, viruses, fungi, rickettsia, etc. Common pathogens in funeral places include. coliform group, Staphylococcus aureus, beta-hemolytic streptococcus and Fecal coliform bacteria, etc.

3.2 Total bacterial count The samples collected from the air in public places or the public utensils are processed by sampling and counting on nutrient agar medium at $36^{\circ}\text{C}\pm 1^{\circ}\text{C}$.

The total number of mesophilic aerobic and facultative anaerobic colonies grown in the 48h culture. [Source: GB/T 18204.3-2013, 2.1, modified]

3.3 Total fungi count For samples collected from the air of public places, the number of colonies formed on Sabouraud agar medium after incubation at 28°C for 5 days was counted.

4 Microorganisms of public supplies and utensils

GB/T 18204.5 Public places hygiene inspection methods Part

5 Central air conditioning and ventilation systems

GB/T 18204.6 Public place hygiene inspection methods Part

6 Hygiene monitoring technical specifications

GB 18466 Standard for water pollutant discharge from medical institutions

GB/T 23287 Funeral terminology

GB 37487 Public Place Hygiene Management Standard

GB 37488-2019 Hygiene indicators and limit requirements for public places

GB 37489.1 Hygienic design code for public places Part