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

GB/T 19054-2025

Replacing GB/T 19054-2003

General technical conditions for fuel oil cremators

燃油式火化机通用技术条件

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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. This document replaces GB/T 19054-2003 "General Technical Conditions for Oil-Fired Cremators". Compared with GB/T 19054-2003, the following changes are made. Aside from structural adjustments and editorial changes, the main technical changes are as follows:

---The definition of the term "Taiwanese cremator" has been changed (see 3.12,.2003

edition);

---Two new terms and definitions have been added. "cremation time" and "shutdown insulation performance" (see

---The technical specifications and requirements for cremation time, fuel consumption, service life, refractory temperature of brick structures, and refractory surface have been revised (see [link]). 4.2.1~4.2.6 (4.2.1~

4.2.6 in the.2003 edition);

---Added requirements for the height of the cremator operating door (see 4.2.8);

---The provision that "the gauge of the ground rails for transporting corpses is set at 1850mm" has been deleted (see section

4.2.9 of the.2003 edition);

---Technical requirements for the ash removal door and observation port of the cremator have been revised (see 4.2.12, 4.2.13, and

4.2.13 in the.2003 edition);

---Added requirements for flue gas emission pipelines within the cremation chamber (see 4.2.14);

---The requirement to install inspection ports on the exhaust system duct has been removed (see

4.2.15 of the.2003 edition);

1 Scope

GB/T 19054-2025 is the Chinese national standard covering the oil-fired cremator - the combustion and secondary chamber, the temperature and residence time that destroy the emissions, the flue gas treatment, the control and the dignity requirements of a machine used for human remains. It replaces GB/T 19054-2003, under the Ministry of Civil Affairs. It was issued on 31 December 2025 and has been in force since 1 April 2026, replacing GB/T 19054-2003. The document is under the responsibility of the Ministry of Civil Affairs. This page is published from the official record of the 2025 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the technical requirements and inspection rules for fuel-fired crematoriums, and describes the relevant test methods. This document applies to fuel-fired crematoriums.

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/T 2888 Noise Measurement Method for Fans and Roots Blowers

GB/T 7251.1 Low-voltage switchgear and controlgear assemblies - Part

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 fueloil cremator It is a specialized device for cremating remains, which uses oil as fuel and consists of a furnace body, a blower-oil system, an electrical control system, an exhaust system, and a body loading system.

3.2 furnace body The main body of the cremator consists of the main combustion chamber, the re-combustion chamber, the brick structure, and the external structure.

3.3 The space inside the furnace used for the direct cremation of remains.