



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

GB/T 14057.1-2008

Replacing GB/T 14057-1993

**Decontamination of radioactively contaminated surfaces - Part
1: Method for testing and assessing the ease of
decontamination**

放射性污染表面去污 第1部分：试验与评价去污难易程度的方法

(English Translation)

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This document was issued on 2 July 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China and the Standardization Administration of China, and has applied since 1 April 2009.

It replaces GB/T 14057-1993.

It has been superseded by GB/T 14057.1-2026, Decontamination of radioactively contaminated surfaces - Part 1: Test method to assess the ease of decontamination.

It is a GB/T standard: recommended rather than compulsory, but it is the text a Chinese reviewer, customer or inspection body applies.

1 Scope

GB/T 14057.1-2008 is Part 1 of the Chinese national standard on the decontamination of radioactively contaminated surfaces, and gives the method for testing and assessing how easily a surface can be decontaminated. In a nuclear installation the choice of floor, wall and equipment coverings decides how much of a spill can be removed and how much activity stays behind for the life of the plant, so designers and operators need a comparable figure for candidate materials. The method contaminates a test surface with a defined radioactive solution, decontaminates it by a specified procedure and reports the decontamination factor, from which surfaces and coatings can be ranked and accepted. It is superseded by GB/T 14057.1-2026; this edition remains the reference for materials qualified under it. Issued on 2 July 2008, it applied from 1 April 2009 and replaced GB/T 14057-1993.