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ICS 13.280
CCS C57

WS

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

WS/T 523-2019

Standard for testing of quality control in gamma cameras and single photon emission computed tomograph (SPECT)

伽玛照相机、单光子发射断层成像设备（SPECT）质量控制检测规范

(English Translation)

Issued on: June 26, 2026 **Implemented on: July 1, 2027**

Issued by: National Health Commission

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https://chinastandards.org/standards/ws-t-523-2019

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1 Foreword

WS/T 523-2019 was issued by National Health Commission on 26 June 2026 and has been in force since 1 July 2027.

The WS/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 13 pages in English translation.

2 Scope Preview

This standard specifies the requirements, items, and methods for quality control testing of gamma cameras and single-photon emission computed tomography (SPECT) equipment. This standard applies to quality control testing for sodium iodide (NaI)-type gamma cameras and SPECT systems based on NaI and cadmium zinc telluride (CZT) technologies.

WS/T 523-2019 falls under ICS 13.280, in the field of environment and health protection, safety.

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This catalogue holds 55 other WS/T standards in that field.

In this catalogue, WS/T standards carry edition years from 1996 to 2026.

3 About this standard

Sector: Health Industry Standard

Issued by: National Health Commission

English translation: about 13 pages (approximate)

Chinese original: about 19,177 characters

4 Related standards

Standards on related subjects:

GBZ 130-2020 - Requirements for radiological protection in diagnostic radiology

GBZ/T 250-2014 - Radiation shielding specification for room of industrial X-ray radiography

GBZ/T 201.1-2007 - Radiation shielding requirements in room of radiotherapy installations - Part 1: General principle

WS/T 519-2019 - Specification for testing of quality control in X-ray computed tomography

WS 519-2019 - Specification for testing of quality control in X-ray computed tomography

5 Classification and status

International classification (ICS): 13.280

Chinese Standard Classification (CCS): C 57

Prefix WS/T: recommended standard.

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