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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 5169.25-2026

Replacing GB/T 5169.25-2018

Fire hazard testing for electric and electronic products-Part 25: Smoke obscuration-General guidance

电工电子产品着火危险试验 第25部分：烟模糊 总则

(English Translation)

Issued on: October 30, 2026 **Implemented on: May 1, 2027**

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

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1 Foreword

GB/T 5169.25-2026 was issued by State Administration for Market Regulation; Standardization Administration of China on 30 October 2026 and takes effect on 1 May 2027.

It replaces the earlier edition GB/T 5169.25-2018, GB/T 5169.25-2008.

It is one of 93 parts of the GB/T 5169 series.

2 Scope Preview

GB/T 5169.25-2026 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 76,457 other GB/T standards.

Of the 47,415 GB/T standards that do carry an ICS number, 3,437 (7%) fall under ICS 77, in the field of metallurgy.

3 About this standard

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

4 Related standards

Other parts of this standard:

GB/T 5169.1-1985 - Fire hazard testing for electric and electronic products--Terminology

GB/T 5169.1-1997 - Fire hazard testing for electric and electronic products. Part 4: Terminology concerning fire tests

GB/T 5169.1-2007 - Fire hazard testing for electric and electronic products - Part 1:

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Terminology concerning fire tests

GB/T 5169.1-2015 - Fire hazard testing for electric and electronic products - Part 1: Terminology concerning fire tests

GB/T 5169.1-2025 - Fire hazard testing for electric and electronic products - Part 1: Terminology concerning fire tests

GB/T 5169.2-1985 - Fire hazard testing for electric and electronic products--Guidance for the preparation of requirements and test specification for assessing fire hazard--General guidance

GB/T 5169.2-2002 - General guidelines for electric and electronic products - Fire hazard testing - Part 2: Fire hazard assessment guide

GB/T 5169.2-2013 - Fire hazard testing for electric and electronic products - Part 2: Guidance for assessing the fire hazard - General guidelines

GB/T 5169.2-2021 - Fire hazard testing for electric and electronic products - Part 2: Guidance for assessing the fire hazard - General guidelines

GB/T 5169.3-1985 - Fire hazard testing for electric and electronic products--Guidance for the preparation of requirements and test specifications for assessing fire hazard of electronic components

GB/T 5169.3-2005 - Fire hazard testing for electric and electronic products - Part 3: Guidance for the preparation of requirements and test specifications for assessing fire hazard of electronic compone

GB/T 5169.5-1985 - Fire hazard testing for electric and electronic products--Test method of needle-flame

GB/T 5169.5-1997 - Fire hazard testing for electric and electronic products. Part 2: Test methods. Section 2: Needle-flame test

GB/T 5169.5-2008 - Fire hazard testing for electric and electronic products -- Part 5: Test flames -- Needle test method -- Apparatus, confirmatory arrangement and guidance

GB/T 5169.5-2020 - Fire hazard testing for electric and electronic products-Part 5: Test flames-Needle-flame test method-Apparatus, confirmatory test arrangement and guidance

GB/T 5169.6-1985 - Fire hazard testing for electric and electronic products--Test method of bad connection with heater

GB/T 5169.7-1985 - Fire hazard testing for electric and electronic products--Test method of bunsen type flame

GB/T 5169.7-2001 - Fire hazard testing for electric and electronic products -- Test methods for diffusion and premixed flame test methods

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GB/T 5169.8-1985 - Fire hazard testing for electric and electronic products--Examples of fire hazard assessment procedures and interpretation of results--Combustion characteristics and survey of test methods for their determination

GB/T 5169.9-1993 - Fire hazard testing for electric and electronic products. Part 9: Guidance for assessing the fire hazard. Use of preselection testing procedures

GB/T 5169.9-2006 - Fire hazard testing for electric and electronic products - Part 9: Guidelines for assessing the fire hazard - Use of preselection testing procedures

GB/T 5169.9-2013 - Fire hazard testing for electric and electronic products - Part 9: Guidance for assessing the fire hazard - Preselection testing procedures - General guidelines

GB/T 5169.9-2021 - Fire hazard testing for electric and electronic products - Part 9: Guidance for assessing the fire hazard - Preselection testing procedures - General guidelines

GB/T 5169.10-1997 - Fire hazard testing for electric and electronic products. Test methods. Glow-wire test methods--General

GB/T 5169.10-2006 - Fire hazard testing for electric and electronic products - Part 10: Glow/hot-wire based test methods - Glow-wire apparatus and common test procedure

GB/T 5169.10-2017 - Fire hazard testing for electric and electronic products -- Part 10: Glowing/hot-wire based test methods -- Glow-wire apparatus and common test procedure

GB/T 5169.10-2026 - Fire hazard testing for electric and electronic products-Part 10:Glowing/hot-wire based test methods-Glow-wire apparatus and common test procedure

GB/T 5169.11-1997 - Fire hazard testing for electric and electronic products. Test methods. Glow-wire end-product test and guidance

GB/T 5169.11-2006 - Fire hazard testing for electric and electronic products - Part 11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products

GB/T 5169.11-2017 - Fire hazard testing for electric and electronic products -- Part 11: Glowing/hot-wire based test methods -- Glow-wire flammability test method for end-products (GWEPT)

GB/T 5169.11-2026 - Fire hazard testing for electric and electronic products - Part 11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products (GWEPT)

GB/T 5169.12-1999 - Fire hazard testing for electric and electronic products Test methods Glow-wire flammability test on materials

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GB/T 5169.12-2024 - Fire hazard testing for electric and electronic products-Part 12: Glowing/hot-wire based test methods-Glow-wire flammability index (GWFI) test method for materials

GB/T 5169.13-1999 - Fire hazard testing for electric and electronic products-Test methods-Glow-wire ignitability test on materials

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