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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 17799.1-2026

Replacing GB/T 17799.1-2017

Electromagnetic compatibility-Generic standards-Part 1: Immunity standard for residential, commercial and light-industrial environments

电磁兼容 通用标准 第1部分：居住、商业和轻工业环境中的抗扰度

(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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https://chinastandards.org/standards/gb-t-17799-1-2026

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1 Foreword

GB/T 17799.1-2026 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 17799.1-2017, GB/T 17799.1-1999.

It is one of 5 parts of the GB/T 17799 series.

2 Scope Preview

GB/T 17799.1-2026 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 17799.2-2003 - Electromagnetic compatibility - Generic standard - Immunity for industrial environments

GB/T 17799.2-2023 - Electromagnetic compatibility - Generic standards - Part 2: Immunity standard for industrial environments

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GB/T 17799.5-2012 - Electromagnetic compatibility (EMC) -- Generic standards -- HEMP immunity for indoor equipment

GB/T 17799.7-2022 - Electromagnetic compatibility - Generic standards - Part 7: Immunity requirements for equipment intended to perform functions in a safety-related system (functional safety) in industrial locations

Other editions:

GB/T 17799.1-2017 (earlier edition)

GB/T 17799.1-1999 (earlier edition)

5 Classification and status

Prefix GB/T: recommended standard.

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