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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 48299.1-2026

Instrumentation and control systems important to safety for nuclear power plants-Development of HDL-programmable integrated circuits-Part 1: HDL-programmable integrated circuits performing category A functions

核电厂安全重要仪表和控制系统 HDL可编程集成电路开发 第1部分：执行A类功能的HDL可编程集成电路

(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 48299.1-2026 was issued by State Administration for Market Regulation; Standardization Administration of China on 30 October 2026 and takes effect on 1 May 2027.

It is one of 2 parts of the GB/T 48299 series.

The GB/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.

2 Scope Preview

GB/T 48299.1-2026 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 48299.2-2026 - Instrumentation and control systems important to safety for nuclear power plants-Development of HDL-programmable integrated circuits-Part 2: HDL-programmable integrated circuits performing category B or C functions

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5 Classification and status

Prefix GB/T: recommended standard.

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