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ICS 27.010
CCS F01

JC

BUILDING MATERIALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JC/T 2821-2024

Energy consumption limit per unit product of special cement

特种水泥单位产品能源消耗限额

(English Translation)

Issued on: December 10, 2024 **Implemented on: July 1, 2025**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/jc-t-2821-2024

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1 Foreword

JC/T 2821-2024 was issued by Ministry of Industry and Information Technology on 10 December 2024 and has been in force since 1 July 2025.

The JC/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 15 pages in English translation.

2 Scope Preview

This standard specifies the energy consumption limit level, technical requirements, energy consumption statistical range and calculation method of special cement unit product energy consumption. This standard is applicable to the calculation and assessment of energy consumption per unit of energy consumption of special cement production enterprises, as well as energy consumption control of new, rebuilt and expanded projects.

JC/T 2821-2024 falls under ICS 27.010, in the field of energy and heat transfer engineering.

This catalogue holds 4 other JC/T standards in that field.

In this catalogue, JC/T standards carry edition years from 1973 to 2026.

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3 About this standard

Sector: Building Materials Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB 12021.2-2025 - Maximum allowable values of energy consumption and energy efficiency grade for household refrigerating appliance

GB/T 2589-2020 - General rules for calculation of the comprehensive energy consumption

GB 12021.4-2013 - Maximum allowable values of the energy, water consumption and grades for household electric washing machines

JC/T 2816-2024 - Technical Specifications for Energy Saving Diagnosis in Cement Enterprises

JC/T 2818-2024 - Technical specification for energy-saving diagnosis of refractory enterprises

JC/T 545-2020 - General rules of energy balance in glass fiber factory

5 Classification and status

International classification (ICS): 27.010

Chinese Standard Classification (CCS): F 01

Prefix JC/T: recommended standard.

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