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PEOPLE'S REPUBLIC OF CHINA

GB/T 48353-2026

Power drive systems for petrochemical and chemical industries

石化化工用电气传动系统

(English Translation)

Issued on: September 28, 2026 **Implemented on: April 1, 2027**

Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC

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1 Foreword

GB/T 48353-2026 was issued by State Administration for Market Regulation; Standardization Administration of the PRC on 28 September 2026 and has been in force since 1 April 2027.

This is a draft translation for reference among interesting stakeholders. The finalized translation (passing through draft translation, self-check, revision and verification) will be delivered upon being ordered.

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

This document specifies the service conditions, technical requirements, and describes the corresponding test methods for electrical drive transmission systems for the petrochemical industry. This document is applicable to electrical drive transmission systems with a rated input AC voltage not exceeding 35 kV and a rated input frequency of 50 Hz or 60 Hz, used in continuous production, intermittent production, and special process applications in the petrochemical industry. Note: Electrical drive transmission systems for the petrochemical industry include switchgear cabinets, motors, variable frequency drive equipment for the petrochemical industry, sensors, reactors, power supply devices, control devices, auxiliary devices, and their system integration and monitoring equipment.

GB/T 48353-2026 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 75,626 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 the PRC

English translation: about 15 pages (approximate)

4 Classification and status

Prefix GB/T: recommended standard.

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