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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6586-2025

Technical requirements and test specifications for safety management of telecommunication tower stations

通信塔站安全生产管理技术要求和测试规范

(English Translation)

Issued on: December 17, 2025 **Implemented on: April 1, 2026**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6586-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 April 2026.

The YD/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 basic requirements, structural requirements, lightning protection, seismic resistance, electromagnetic radiation safety requirements, and daily inspection requirements for steel structure iron towers used in daily operations to achieve safety production goals, and describes the corresponding testing methods. This standard applies to the safety production management, safety assessment, and supervision of communication iron towers after completion and acceptance during operation. Especially when existing communication iron tower structures with missing design data need to be

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shared, structural safety assessments should be conducted according to the technical requirements and methods outlined in this document.

YD/T 6586-2025 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 6,667 other YD/T standards.

Of the 4,379 YD/T standards that do carry an ICS number, 3,421 (78%) fall under ICS 33, in the field of telecommunications.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

JB 2293-1978 - Wind tunnel test method of radiator of automobile and tractor

YD/T 4046-2022 - Cloud computing open application model

YD/T 4045-2022 - Big data - technical requirements and test methods for message middleware

YD/T 4044-2022 - Technical requirements for AI-based knowledge graph construction

5 Classification and status

Prefix YD/T: recommended standard.

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