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ICS 33.020
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4458-2023

Data center refined operation and maintenance technical requirements and evaluation methods

数据中心精细化运维技术要求及评估方法

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4458-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 2024.

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 technical requirements and evaluation methods for key aspects of data center operation and maintenance management such as process management, quality management, equipment management, resource management, personnel and organizational management. This standard is applicable to the use or construction of operation and maintenance process systems by data center enterprises, as well as the evaluation and guidance of relevant institutions, and can be used as a reference for other related industries or organizations.

YD/T 4458-2023 falls under ICS 33.020, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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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:

YD/T 3746-2020 - Specification of internet of vehicle information service - User personal information protection

GB/T 28826.2-2020 - Information technology-Common biometric exchange formats framework-Part 2:Procedures for the operation of the biometric registration authority

GB/T 31071-2014 - General science and technology infrastructure-Principles and methods for conformance testing

YD/T 6646-2026 - Identification and resolution system for the Industrial Internet - Technical requirements for identification registration information query

YD/T 6642-2026 - Industrial Internet - Technical requirements of assets identification

YD/T 4405.7-2026 - Medical cloud computing assessment method - Part 7: Artificial intelligence applications

5 Classification and status

International classification (ICS): 33.020

Chinese Standard Classification (CCS): L 70

Prefix YD/T: recommended standard.

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