Chinastandards.org

ICS 33.060.20
CCS M37

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4519-2023

Technical requirements for protection of communication facility operation and maintenance personnel exposed to DC and power frequency electromagnetic fields

通信设施运维人员暴露于直流和工频电磁场的防护技术要求

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-4519-2023

Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Abbreviations
3.1 Terms and definitions
4 General
4.1 Test environment
4.2 UE Information
4.3 Test Implementation
5 Technical requirements

1 Foreword

YD/T 4519-2023 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 occupational exposure assessment procedures and protection technical requirements that should be adopted by communication facility operation and maintenance personnel exposed to DC and power frequency electromagnetic fields (AC 50 Hz). It is intended for networks that may need to work at close range to DC and power frequency electromagnetic field emission sources. Operation and maintenance personnel provide practical work procedures and give technical requirements for occupational health risk assessment and risk management. This standard does not cover exposure to other electromagnetic fields other than DC and power frequency electromagnetic fields (AC 50 Hz), nor does it include exposure to contact currents due to the coupling of electromagnetic fields generated by power lines to other metal bodies (including communication circuits).

YD/T 4519-2023 falls under ICS 33.060.20, in the field of telecommunications.

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

Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-4519-2023

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

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 2576.1-2013 - Test method for user equipment of TD-LTE digital cellular mobile telecommunication network (Phase 1) - Part 1: Basic operation, services and reliability test

YD/T 2576.2-2013 - Test method for user equipment of TD-LTE digital cellular mobile telecommunication network (phase 1) - Part 2: Radio transmission and reception performance test

YD/T 2307-2011 - Technical requirement and testing methods for general function of mobile telecommunication terminal

YD/T 4520-2023 - Technical requirements for privacy protection in big search

YD/T 4516-2023 - Technical requirements and test methods for environmental reliability of vehicle information and communication terminals

YD/T 4515-2023 - Mobile intelligent terminal intelligent performance benchmark evaluation method

5 Classification and status

International classification (ICS): 33.060.20

Chinese Standard Classification (CCS): M 37

Prefix YD/T: recommended standard.

Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-4519-2023