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ICS 35.020
CCS L70

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4215-2023

Industrial Internet - Guidelines for Information Security Risk Assessment of CNC Machining and Manufacturing Systems

工业互联网 数控加工制造系统信息安全风险评估指南

(English Translation)

Issued on: April 21, 2023 **Implemented on: August 1, 2023**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4215-2023

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1 Foreword

YD/T 4215-2023 was issued by Ministry of Industry and Information Technology on 21 April 2023 and has been in force since 1 August 2023.

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 objects, content and implementation process of information security risk assessment of CNC machining and manufacturing systems, as well as the effectiveness testing of security measures. This standard is applicable to guide information security risk assessment activities for CNC processing and manufacturing systems in the industrial Internet. It is also applicable to guide CNC processing and manufacturing users to improve and enhance system maintenance activities of CNC information security capabilities in processing and manufacturing systems.

YD/T 4215-2023 falls under ICS 35.020, in the field of information technology.

This catalogue holds 725 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 4225-2023 - Web server detection specification supporting mimic defense function

YD/T 4224-2023 - Technical Requirements for Web Servers Supporting Mimic Defense Function

YD/T 4223-2023 - General Technical Guidelines for Devices Supporting Mimic Defense Functions

5 Classification and status

International classification (ICS): 35.020

Chinese Standard Classification (CCS): L 70

Prefix YD/T: recommended standard.

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