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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 43018.2-2025

**Interconnection and interoperation for textile equipment - Part
2: Spinning**

纺织装备互联互通与互操作 第2部分：纺纱

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1 Scope

This document specifies the interconnection and interoperability architecture, basic requirements, information model and data dictionary for short-staple spinning equipment.

This document is applicable to blowing and carding machines, drawing frames, sling and winding machines, combing machines, roving machines, spinning machines, automatic winding machines, rotor spinning machines Development and design of short-fiber spinning equipment such as spinning machines, jet vortex spinning machines, package yarn delivery and packaging systems, and digital spinning workshops and Construction and transformation of intelligent factories.

2 Normative references

GB/T 3100

GB/T 33863.3-2017

GB/T 33863.5-2017

GB/T 36324-2018

GB/T 43018.1-2023

3 Terms and definitions

The terms and definitions defined in GB/T 43018.1-2023 apply to this document.

4 Abbreviations

The following abbreviations apply to this document.

HTTP. Hyper Text Transfer Protocol ICS. Integrated Control System IPC. Industrial Personal Computer IPv4.Internet Protocol version 4 IPv6.Internet Protocol version 6 Modbus. Modicon Bus Protocol MQTT. Message Queuing Telemetry Transport PLC. Programmable Logic Controller SCADA. Supervisory Control And Data Acquisition SOAP. Simple Object

Access Protocol TCP. Transmission Control Protocol

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