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PEOPLE'S REPUBLIC OF CHINA**

GB/T 43910-2024

Warehouse logistics equipment - Vocabulary

物流仓储设备 术语

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Foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents"

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1 Scope

GB/T 43910-2024 is the Chinese vocabulary of warehouse logistics equipment, and it maps an industry that has changed faster than its terminology. China builds and operates more automated warehousing than anywhere else, and the equipment population now runs from conventional racking, forklifts and conveyors through automated storage and retrieval machines, shuttle and multi-shuttle systems, autonomous mobile robots and goods-to-person stations to the sortation and picking systems that connect them; the Chinese terms for much of it were coined locally and do not map one-to-one onto the

English ones. The standard defines the terms across the whole field, the storage equipment and racking, the handling and transfer equipment, the sorting and picking equipment, the unit loads and containers, the identification and information equipment, and the operational and performance terms by which such systems are specified and measured. For anyone reading Chinese warehouse equipment specifications, tenders or catalogues in translation, this is the reference that makes them intelligible. It takes effect on 1 November 2024.

This document defines the basic terms, facility equipment terms, system terms, and information and management terms for logistics warehousing equipment: This document applies to logistics warehousing equipment and systems:

2 Normative references

This document has no normative references:

3 Terms and definitions

1 Basic terminology 3:1:

1 For storage (3:1:12), handling (3:1:13), conveying (3:1:14), picking (3:1:15), sorting (3:1:16), stacking (3:1:17), and reviewing An equipment cluster consisting of equipment, instruments and their control and management software for logistics and warehousing links such as (3:1:18), packaging (3:1:19), loading and unloading (3:1:20): 3:1:

2 Goods; article goods materials The material information that physically flows in logistics and warehousing activities: [Source: GB/T 18354-2021, 3:1, modified] 3:1:

3 Unitized load Article (3:1:2) or a collection of articles (3:1:2) with a certain shape that is convenient for storage and handling: 3:1:

4 Warehouse Warehouse a specialized area or space used for the storage (3:1:12) of items (3:1:2) 3:1:

5 Logistics Center It has complete logistics facilities and information network, can easily connect to external transportation network, has sound logistics functions, and has a wide range of concentrated radiation: It is a large place with strong storage and throughput capabilities, providing customers with professional public logistics services: [Source: GB/T 18354-2021, 3:13] 3:1:

6 Distribution center distribution center; DC With complete distribution infrastructure and information network, it can conveniently connect to external transportation networks and provide short-distance services to end customers: A specialized distribution location that provides long-distance, small-batch, and multi-batch distribution services: