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Guidelines for construction of urban distribution network

城市配送网络体系建设指南

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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" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

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Guidelines for the Construction of Urban Distribution Network System

1 Scope

This document provides guidelines for the construction of urban distribution network systems, urban distribution nodes, and urban distribution channels.

This document applies to the construction, renovation and optimization of distribution network nodes and distribution channels within the city center and suburban areas.

2 Normative references

This document has no normative references.

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Urban distribution

In the city center and suburban areas, we collect, sort, store, select, process, package, Logistics activities such as assembly and delivery to the designated location on time.

3.2 Manage network system

The logistics formed by connecting different types of distribution nodes distributed in the central urban area and the suburban area of the city through transportation lines

3.3 place

Meet the distribution needs within a certain area of the city and have the ability to transfer and deliver goods in the circulation link that is compatible with the city's distribution

operation capabilities

3.4

Transport routes connecting urban distribution nodes, and between nodes and external logistics infrastructure of the city.

4 Urban distribution network system

4.1 The urban distribution network system consists of urban distribution nodes and urban distribution channels. The urban distribution nodes are defined in Chapter 5.

The functions are divided into Class I nodes, Class II nodes, and Class III nodes. The hierarchical relationship can be divided into three types. A, B, and C according to the nodes where the goods pass through, as shown in Figure 1.

As shown in the figure, urban distribution nodes should be arranged according to the A and B hierarchical relationships, and megacities and supercities can adopt the C hierarchical relationship.

Note. According to the Notice of the State Council on Adjusting the Standards for Classifying Urban Size (Guofa [2014] No. 51), cities are classified into megacities, super-large cities, and megacities according to their size.

Cities, big cities, medium cities, small cities.