

ICS 03.220.01

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

GB/T 44413-2024

Classification of urban rail transit

城市轨道交通分类

Issued on: August 23, 2024

Implemented on: December 1, 2024

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

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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 is required.

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.

This document was proposed by the Ministry of Housing and Urban-Rural Development of the People's Republic of China.

This document is under the jurisdiction of the National Technical Committee on Standardization of Urban Rail Transit (SAC/TC 290).

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Introduction

To promote the high-quality development of China's urban rail transit industry, serve the planning, construction and operation of urban rail transit, and coordinate urban rail transit Traffic development and safety, unify the national urban rail transit classification, and formulate this document.

This document is the basic standard for the urban rail transit industry.

This document refers to the urban rail transit classification part in CJJ/T 114-2007 and GB/T 50833-2012, and draws on the international mainstream urban The classification of urban rail transit is proposed in combination with the actual development of urban rail transit in China.

After it is mature, it can be considered for inclusion.

Urban rail transit classification

1 Scope

This document specifies the classification principles, methods and attributes of urban rail transit.

This document applies to the planning, construction, operation, and entire life cycle of urban rail transit products.

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 rail transit

An urban public passenger transportation system that uses dedicated track-guided operation with the main purpose of serving commuters.

[Source. GB/T 50833-2012, 2.0.1, modified]

3.2 System mode

Standardized urban rail transit product integration with a complete technical system, including vehicles, tracks, power supply, communications, signals and civil engineering. The core components have typical technical and economic characteristics.

3.3 Service scope

The urban space scope that urban rail transit lines primarily serve.

3.4 transport capacity

The upper limit of the number of passengers that can pass through the line section of urban rail transit in one direction within 1 hour.

3.5 Running mode

The support and guidance methods and forms used in urban rail transit.

4 Classification principles

4.1 The classification of urban rail transit should be consistent.

4.2 The classification of urban rail transit should be operational.

4.3 Urban rail transit classification should be based on system standards and divided according to service level, transportation capacity and running mode.