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

GB/T 12738-2025

Replacing GB/T 12738-2006

Ropeway - Terminology

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 3.1 Type

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. This document replaces GB/T 12738-2006 Ropeway Terminology. Compared with GB/T 12738-2006, except for structural adjustments and editorial In addition to the modifications, the main technical changes are as follows:

- Change "This standard applies to aerial ropeways, cable cars and tow ropeways" to "This document applies to aerial ropeways, ground cable cars and tow ropeways" Cableway" (see Chapter 1, Chapter 1 of the.2006 edition);
- Changed the English equivalent of the term "circulating aerial ropeway" (see 3.1.2.1, 2.2.1 of the.2006 edition);
- Changed the terminology and definition of "double-loop single-line aerial ropeway" (see 3.1.2.5, 2.2.3.3 of the.2006 edition);
- Change "wire rope, end fixing and tensioning device" to "wire rope, end fixing device" (see 3.2, 3rd paragraph of the.2006 edition) chapter);
- Changed the English equivalent of the term "tow rope" (see 3.2.2.4, 3.2.4 of the.2006 edition);
- Added the term "empty rope" and its definition (see 3.2.3);
- Changed the term and definition of "anti-jump device" (see 3.3.10, 4.10.8 of the.2006 edition);
- Added the term "secondary anti-slip device" and its definition (see 3.3.12);

1 Scope

GB/T 12738-2025 is the Chinese national standard on ropeway - terminology, in the field of generalities, terminology and documentation. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 29 August 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 December 2025.

Classification: ICS 01.040.01, CCS J 81. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document defines the terms and their definitions for the main types, parameters, devices, mechanisms and components of ropeways. This document applies to aerial ropeways, cable cars and tow ropeways.

2 Normative references

This document has no normative references.

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Type

3.1.1 ropeway A transportation system that is driven by power and uses flexible ropes to pull vehicles to transport people or materials, including aerial ropeways, ground cable cars and Towing ropeway, etc.

3.1.1.1 Freight ropeway material ropeway Cableway for transporting materials.

3.1.1.2 passenger ropeway Cableway for transporting personnel.

3.1.2 aerial ropeway A cableway in which a vehicle is carried and pulled overhead by one or more ropes.

3.1.2.1 An aerial ropeway in which the transport vehicle circulates along the line. 3.1.2.1.1 A circulating aerial ropeway in which the vehicle runs at a constant speed on the line.

3.1.2.1.2 A circulating aerial ropeway in which the vehicle runs intermittently (go-stop-go) on the line.