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

GB/T 7024.1-1986

Replacing GB/T 7024-2008

**Terminology of lifts, escalators and moving walks
(English Translation)**

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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.

This document replaces GB/T 7024-2008 "Terminology for elevators, escalators and moving walks".

In addition to structural adjustments and editorial changes, the main technical changes are as follows.

a) Changed the name of Chapter 3 to "Elevator Types" and added basic terms, general application type terms, drive type terms, Classification of other application type terms and arrangement type terms (see Chapter 3, 3.1, 3.2, 3.3, 3.4, 3.5, 2008 Edition, Section 2 chapter);

b) The name of Chapter 4 was changed to "General Elevator Terms", and the following sections were added. Basic Terms, Elevator Civil Engineering Terms, and Control Mode Terms.

Category (see Chapter 4, 4.1, 4.2, 4.4, Chapter 3 of the 2008 edition);

c) The title of Chapter 5 has been changed to "Elevator Components", and the terms of elevator safety components, car and counterweight (or balance weight) components have

been added.

Terminology, of floor door and car door components, terminology of suspension device and compensation device components, terminology of guide rail system components, terminology of drive mainframe and its accessories Classification of component terms for components, electrical equipment (device) component terms, elevator control systems and device component terms (see Chapter 5, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, Chapter 4 of the 2008 edition);

d) Added the chapters "New Elevator Technology" and "Personnel Terminology" (see Chapters 8 and 9);

e) Changes to elevators, freight elevators, utility elevators, traction elevators, forced elevators, hydraulic elevators, firefighter elevators, explosion-proof elevators, Rated load, suspension ratio, leveling, car width, car depth, car height, fire return, emergency power operation, automatic rescue Operation, re-leveling, remote monitoring system, safety clamp, instantaneous safety clamp, progressive safety clamp, car upward overspeed protection device, Car, fire-resistant floor door, compensation device, accompanying cable, automatic rescue power supply, energy feedback device, car top maintenance operation control device, Fireman's lift switch, escalator, moving walkway, nominal speed, maximum conveying capacity, nominal width, handrail, baseboard, Terms and definitions for inner cover, outer cover, additional brake, and elevator driver (see 3.1.1, 3.2.2, 3.2.4, 3.3.1, 3.3.2, 3.3.3, 3.4.4, 3.4.10, 4.1.1, 4.1.6, 4.1.12, 4.1.16, 4.1.17, 4.1.18, 4.3.1, 4.3.4, 4.3.5, 4.3.8, 4.4.13, 5.1.3, 5.1.3.1, 5.1.3.2, 5.1.6, 5.2.2, 5.3.4, 5.4.7, 5.7.15, 5.7.18, 5.7.19, 5.8.5.1, 5.8.12, 7.1, 7.2, 7.5, 7.6, 7.7, 7.24, 7.25, 7.28, 7.29, 7.39, 9.2, 2008 edition 2.1, 2.3, 2.7, 2.15, 2.16, 2.17, 2.10, 2.9, 3.1.4, 3.1.42, 3.1.28, 3.1.32, 3.1.33, 3.1.34, 3.2.1, 3.2.4, 3.2.5, 3.1.28.4, 5.9, 4.70, 4.70.1, 4.70.2, 4.87, 4.3, 4.10, 4.18, 4.48, 4.86, 4.92, 4.22, 4.79, 7.1, 7.2, 7.5, 7.6, 7.7, 7.11, 7.13, 7.15, 7.16, 7.30, 3.1.35);

f) Added freight elevators, inclined elevators, direct-acting hydraulic elevators, indirect-acting hydraulic elevators, stretcher elevators, and Elevators for the disabled, elevators for assisting the evacuation of people from buildings, elevators with machine rooms, elevators with rear-mounted counterweights, elevators with side-mounted counterweights Elevator, balance coefficient, rewind, machine, unexpected car movement, car effective area, buffer compression stroke, car overtravel, counterweight overtravel Program, refuge space, machine space, top floor, passage door, passage trap door, shaft safety door, car voice broadcast, maintenance operation control Control, destination layer control, destination layer, destination layer operating device, destination layer indicating device, elevator number indicating device, polyurethane buffer, layer Door lock device, car door lock device, car accidental movement protection device, electrical safety circuit, carrier, folding door, floor door automatic Closing device, hanging device, covering rope, covering belt, tensioning device, hollow guide rail connector, driving host, reopening button, driving control Control system, emergency and test operation panel, maintenance operation

control device, car maintenance operation control device, pit maintenance operation control device Positioning, platform maintenance operation control device, door bypass device, fire return switch, down direction valve, electrical anti-settling system, full load pressure Force, structural load rating, brake load, machine equipment, machine space, comb support plate, access cover, armrest steering end, armrest cover Plate, manual turning protection device, step or pedal missing protection device, maintenance cover protection device, apron plate anti-pinch device, safety Loop, public transportation escalator, public transportation moving walkway, automatic operation, separate machine room, elevator Internet of Things enterprise application Platform, monitoring terminal, protocol conversion device, acquisition and transmission device, alarm device, alarm trigger device, alarm system, elevator Terms and definitions for intelligent identification device, passenger, competent person, authorized person, and user (see 3.2.3, 3.2.5, 3.3.3.1, 3.3.3.2, 3.4.2, 3.4.3, 3.4.5, 3.5.1, 3.5.3, 3.5.4, 4.1.7, 4.1.8, 4.1.9, 4.1.11, 4.1.19, 4.1.20, 4.1.22, 4.1.23, 4.1.24, 4.2.1, 4.2.20, 4.2.25, 4.2.26, 4.2.27, 4.3.16, 4.3.17, 4.4.8, 4.4.9, 4.4.10, 4.4.11, 4.4.12, 5.1.4.4, 5.1.5.1, 5.1.5.2, 5.1.7, 5.1.9, 5.2.1, 5.3.12, 5.3.14, 5.4.1, 5.4.2.2, 5.4.2.3, 5.4.7.1, 5.5.5, 5.6.1, 5.7.26, 5.8.1, 5.8.4, 5.8.5, 5.8.5.2, 5.8.5.3, 5.8.5.4, 5.8.6, 5.8.13, 6.10, June 11, June 12, July 10, July 11, July 12, July 13, July 19, July 21, July 23, July 26, July 36, July 48, July 50, July 51, July 52, July 53, July 54, 7.55, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 9.1, 9.3, 9.4, 9.5);

g) Deleted passenger and freight elevators, non-commercial car elevators, hydraulic buffer working stroke, car bottom clearance, car top clearance, counterweight device top Gap, docking operation, bay docking operation, single beam protection device, compensation chain device, compensation rope device, flat composite traction steel Belt, serial communication, elevator management system, up rated speed, down rated speed, operating speed terms and definitions (see 2008 Versions 2.4, 2.12, 3.1.36, 3.1.38, 3.1.39, 3.1.40, 3.2.17, 3.2.19, 4.12.3, 4.19, 4.20, 4.89, 5.8, 5.10, 6.6, 6.7, 6.8).

1 Scope

This document defines terms related to elevators, escalators and moving walks.

This document is applicable to the formulation and revision of standards for elevators, escalators and moving walkways, the compilation of technical documents, and the preparation of professional manuals, textbooks and Writing and translation of books and periodicals.

2 Normative references

This document has no normative references.

3.1 Basic Terminology

3.1.1

elevator lift; elevator A permanently installed elevator serving a designated floor of a building (or structure, etc.) with its car (or carrying device) running along at least two rows of rigid guide rails.

Transport equipment installed.

3.2 General application type terms

3.2.1

passenger elevator passenger lift an elevator primarily used to transport people.

3.2.2

Goods lift; freight lift goods-passenger lift an elevator used primarily to transport goods, usually accompanied by a person.

[Source. GB/T 7588.1-2020, March 15] 3.2.3 an elevator used only for transporting goods.

Note: GB/T 25856 gives the technical requirements for freight elevators only.

3.2.4

Dumbwaiter; service lift an elevator used only for transporting small goods, the structural type and size of its carrying device do not allow people to enter.

Note: GB 25194 gives the technical requirements for service lifts.