

ICS 91.140.90

CCS Q 78



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

GB/T 30692-2025

Replacing GB/T 30692-2014

**Rules for the improvement of safety of existing escalators and
moving walks**

提高在用自动扶梯和自动人行道安全性的规范

Issued on: August 29, 2025

Implemented on: August 29, 2025

**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.

This document replaces GB/T 30692-2014 "Specification for improving the safety of escalators and moving walks in use" and is incompatible with GB/T 30692-2014 In addition to structural adjustments and editorial changes, the main technical changes are as follows.

- a) Added the term "machine space" and its definition (see 3.2);
- b) Changed the definition of the term "authorized person" (see Section 3.4, 3.1 of the 2014 edition);
- c) The list of major hazards has been modified (see 4.2, 4.2 of the 2014 edition);
- d) Added safety protection requirements for inspection covers composed of multiple covers (see 5.2.1);
- e) Added examples of delimiting lines highlighting the trailing edge of steps (see 5.3.2);
- f) Added technical requirements for the location of electrical safety devices for missing steps or pedals (see 5.3.5);
- g) The technical requirements for working brakes have been changed (see 5.4.2.1 and 5.4.2 of the 2014 edition);
- h) The technical requirements for additional brakes have been changed (see 5.4.2.2, 5.4.2 of the 2014 edition);
- i) Added technical requirements for drive chain electrical safety devices (see 5.4.3);
- j) The technical requirements for anti-skid devices have been changed (see 5.5.2.3, 5.5.2.3 of the 2014 edition);
- k) Added technical requirements for anti-pinch devices for apron panels of different shapes (see 5.5.3);
- l) The technical requirements for handrail speed monitoring have been changed (see 5.6.1, 5.6.1 of the 2014 edition);
- m) Added technical requirements for the breaking strength of handrails for public transportation escalators or moving walkways (see 5.6.4);

- n) Added the anti-slip grade requirements for comb support plates and floor treads (see 5.7.1);
- o) Changed the technical requirements for standing areas within the machine space (see 5.8.2, 5.8.2 of the 2014 edition);
- p) The technical requirements for stop switches have been modified (see 5.8.5, 5.8.5 of the 2014 edition);
- q) Added a section on transport (see 5.10);
- r) The technical requirements for basic protection (protection against direct contact) have been changed (see 5.11.2, 5.11.1.2 of the 2014 edition);
- s) The technical requirements for grounding protection have been changed (see 5.11.4, 5.11.1.4 of the 2014 edition);
- t) Added technical requirements for motor protection (see 5.12.1.1);
- u) Added technical requirements for the protection of electrical safety devices (see 5.12.1.2);
- v) Added technical requirements for electrical safety devices and functions (see 5.12.2);
- w) Added technical requirements for indicating the position of the emergency stop switch (see 5.12.3.1.1);
- x) Changed the technical requirements for portable maintenance control devices (see 5.12.3.2.1, 5.12.2.1 of the 2014 edition);
- y) Changed the installation conditions of vertical protective baffles (see 5.13.1.3, 5.13.1.3 of the 2014 edition);
- z) The technical requirements for unobstructed areas have been modified (see 5.13.1.4, 5.13.1.4 of the 2014 edition);
- aa) The technical requirements for the net height of the equipment room have been changed (see 5.13.2.4 and 5.13.2.6 of the 2014 edition);
- ab) Additional measures are added to prevent the outer part of the handrail from falling (see 5.13.4);
- ac) Changed the technical requirements for passenger safety signs that convey relevant information to users (see 5.14, 5.14 of the 2014 edition);
- ad) Added technical requirements to prevent shopping carts and/or luggage carts from entering escalators or moving walkways (see 5.15.3).

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 is proposed and coordinated by the National Elevator Standardization Technical Committee (SAC/TC196).

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This document was first published in 2014 and this is the first revision.

Introduction

0.1 GB 16899 "Safety Specification for the Manufacture and Installation of Escalators and