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

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Stairlifts for persons with impaired mobility

行动不便人员使用的楼道升降机

(English Translation)

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Foreword

The standard Chapter 1, Chapter 2, Section 3, Appendix A, Appendix B, Appendix C, Appendix D, Appendix E, Appendix G and 4.12,8.12.3, 8.12.4,9.1.7,9.2.1,9.3.3,9.4.11,10.2.2,12.1 content are recommended, the rest are mandatory of.

This revised standard adopts ISO 9386-2:2000 "power mobility safety personnel lifting platform, size and operating functions Regulation Fan - Part 2. corridor lift "(in English).

For ease of use, this standard ISO 9386-2:2000 made the following editorial changes.

--- The standard introduction to delete the ISO 9386-2:2000 Introduction This standard has nothing to do with the content, because its existence this standard no impact to understand and use.

--- In this standard "Normative References" instead of using the national standard ISO 9386-2:2000's "Normative references" in the Corresponding foreign standards.

--- The standard delete ISO 9386-2:2000 Terms and definitions "drive rack 3.14 drivingrack" and "tooth 3.49 with toothedbelt "2 of terms, because they do not appear in the text.

--- In this standard "References" instead of using the national standard ISO 9386-2:2000's "reference" in the corresponding foreign standard.

This standard ISO 9386-2:2000 made the following technical corrections, these technical differences identified in a single vertical line to which they relate Terms of margin.

--- The standard Chapter 3 Terms and definitions added 3.53 maximum working load Maximumworkingload, to account for over Carrying case.

--- ISO 9386-2:2000 4.8 "When the elevator corridor load for one person to use, its rated load of not less than 115kg; when Corridor provides a wheelchair lift to use to use, its rated load of not less than 150kg. If you need transport the load is unknown (as in the public areas), wheelchair platform lift corridor rated load should not be less than 225kg. " this standard is used "for the use of persons standing or sitting use the corridor should be designed to lift only one person, the rated load not less than 115kg; take the corridor for wheelchairs to use the lift, the rated load of not less than 250kg/m², and not greater than 350kg "in place of the standard reference prEN81-40.2007 has been modified to enhance lift safety corridor Requirements.

--- The standard reference GB/T 21739-2008 in the ISO 9386-2:2000 increases the load control provisions of 4.8 "when load is large at 125% of rated load, it is considered overloaded. ", Using the maximum working load corresponding to design and test load carrying capacity Holland, in order to control the load carrier and improve safety.

--- ISO 9386-2:2000 design 4.12 "motor contact device and a control device should conform to statutory electromagnetic interference suppression begging. However, the need to give adequate suppression of parts should not be used in any part of the circuit, because failure would lead from insecurity. "The standard of" electromagnetic compatibility should comply with EN12015 and EN12016 "instead, in order to improve available Operability, as well as unity and GB/T 21739-2008 standard waiting for the elevator.

--- ISO 9386-2:2000 in 7.4.2 "Drive and suspension rope nominal diameter ratio of the drum bottom rope of not less than 21", the present standard Mutatis mutandis "pitch diameter drum and suspension rope nominal diameter ratio of not less than 25" instead; ISO

9386-2:2000 in 7.4.3 "Drive and suspension rope nominal diameter of the rope pulley ratio should not be less than the bottom 21", this standard with the "Festival pulley round straight Drive and suspension rope nominal diameter ratio of not less than 25 "instead of the standard reference prEN81-40.2007 and GB/T 21739-2008 has been modified in order to increase the service life of wire rope and ensure safety.

--- The standard reference prEN81-40.2007 removed the ISO 9386-2:2000 in 7.6.2 "single chain drive only suspended Applies to private spaces, and the rated load of less than 125kg seat or standing platform type lifts corridor (see 6.2 and 6.6) "in order to ensure the safe operation of the lift corridor.

--- ISO 9386-2:2000 in 7.8 "If the stop means and the support system arranged together, you can use the drive system A rope beads. "The standard of" the system should have at least 2 ropes of beads, respectively, for supporting and hanging corridor lifts, rope beads it should be guided over the entire length. "Instead of the standard reference prEN81-40.2007 has been modified in order to ensure the lift corridor Safe operation.

--- The standard delete ISO 9386-2:2000 in "7.9 worm - a worm-driven fan Additional requirements" and "drive chain guide 7.11 Additional requirements for moving "two drive, as well as the relevant provisions of Correspondingly, as the two drive not suitable for China Conditions, and in recent years, developed countries (regions) are no longer used.

--- The standard reference prEN81-40.2007 in ISO 9386-2. Added "wheelchair platform and the ground 9.4.4.1 2000 Landing ground vertical height difference should not exceed 75mm. "In order to clarify the requirements and ensure the safe use of personnel.

--- The standard reference prEN81-40.2007 in ISO 9386-2. increase the "d) wheelchair platform at the end of 9.4.7.1 2000 Frame structure near the upstairs and downstairs and side surfaces of the side surface of the guide portion; "in order to harmonize with 9.2.3.1 and 9.3.4.1.

--- This standard adds 8 and 9, an example of the bell logo mark accessibility to standardize these signs.

--- The standard ISO 9386-2. increased prEN81-40 2000 reference 2007 "elevator manufacturing and installation of safety norms Special passenger and cargo lifts - Part 40. mobility to use the corridor lift "and GB/T 21739-2008 "Home elevator manufacturing and installation specifications." Appendix F of this standard is a normative appendix, Appendix A, Appendix B, Appendix C, Appendix D, Appendix E, Appendix G is an informative annex.

This standard by the National Standardization Technical Committee elevator (SAC/TC196) and focal points.

Introduction

The standard installation position and size of the control device lifts the corridor and other parts were provisions to meet the person with reduced mobility Actual needs, as well as compliance with JGJ50-2001 "urban roads and buildings accessible design" requirements.

Comply with the requirements of this corridor elevator runs at + 5 °C ~ + 40 °C indoor environment. If installed outdoors, the need to comply Keep other additional requirements.

Suppose corridor elevator parts well maintained and maintain a normal working condition, despite the wear and tear and still meet the requirements.

Comply with the requirements of this corridor elevator for independent mobility to use safely, if not used independently, but also in others Use the assistance. When the equipment is installed in a private place, use should be able to grasp the essentials of the operation and in accordance with the corridor lift A. 3 requirements.

When the equipment is installed in public places, should provide the operating instructions or help. Selection and purchase of the applicable guidelines corridor elevator See Appendix A.

Design examples of the standard for ease of illustration mentioned, are not considered unique. If there are other programs can achieve this standard safety the same requirements and operating results may also be considered.

The standard general technical requirements for electrical, mechanical or building structures are not specified.

This standard specifies the materials and equipment requirements to be met in order to achieve safety requirements and operational functions.

This standard also specifies prevent equipment installed outdoors adversely affected demand.

Mobility corridor to use the elevator

1 Scope

This standard specifies (can stand, sit or ride wheelchairs), permanently installed power inconvenient to use the drive for action lifting corridor Safety Guidelines machine, size and function.

This standard applies to the following lifts corridor.

- a) in the corridor or inclined surface of the fixed layer between the stations run;
- b) rated speed not greater than 0.15m/s;