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

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**Walking trolleys - Requirements and test methods**

助行手推车 要求和测试方法

**(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 is required.

This document is equivalent to ISO 19894:2019 "Requirements and test methods for

mobility trolleys".

## 1 Scope

This document specifies the general requirements, materials, temperature of parts in contact with the human body, structure, strength, torque and durability of walkers.

The ergonomics principles are established by the manufacturer, including the appearance, stability, forces on human tissue, packaging and test reports.

Information describing the test method.

This document applies to walking trolleys with a user mass of not less than 35 kg as daily walking aids.

This document is not applicable to wheeled mobility aids as specified in ISO 11199-2.

## 2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies.

in this document.

ISO 3746 Acoustics - Determination of sound power level and sound energy level of noise sources by sound pressure method - Simple method using an enveloping measuring surface above a reflecting surface (Acoustics-Determination of sound power levels and sound energy levels of noise sources using sound pressure-Survey method using an enveloping measurement surface over a reflecting plane) Note. GB/T 3768-2017 Acoustics Sound Pressure Method for Determining Sound Power Level and Sound Energy Level of Noise Sources Using the Simple Method of Enveloping the Measurement Surface Above the Reflecting Surface (ISO 3746:2010, IDT) ISO 8191-1 Furniture-Assessment of the flammability of upholstered furniture Part 1: Ignition source. smoldering cigarette ignitability of upholstered furniture-Part 1: Ignition source.smoldering cigarette) Note. GB 17927.1-2011 Assessment of the anti-ignition properties of soft furniture mattresses and sofas Part 1: Smoldering cigarette (ISO 8191-1:1988, NEQ) ISO 8191-2 Furniture Evaluation of the ignitability of upholstered furniture Part 2: Ignition source. Simulated match flame (Furniture-Assessment of ignitability of upholstered furniture-Part 2: Ignition source.match-flame equivalent) Note. GB 17927.2-2011 Assessment of anti-ignition properties of soft furniture mattresses and sofas Part 2: Simulated match flame (ISO 8191-2:1988, NEQ) ISO 9227 Corrosion tests in artificial atmospheres - Salt spray test test) Note. GB/T 10125-2021 Artificial atmosphere corrosion test Salt spray test (ISO 9227:2017,

MOD) ISO 10993-1 Biological evaluation of medical devices Part 1: Evaluation and testing in the risk management process ation of medical devices-Part 1: Evaluation and testing with a risk management process) Note. GB/T 16886.1-2022 Biological evaluation of medical devices Part 1: Evaluation and testing in the risk management process (ISO 10993-1:2018, IDT) ISO 12100 Safety of machinery - General principles for design, risk assessment and risk reduction ciples for design-Risk assessment and risk reduction) Note. GB/T 15706-2012 General principles for safety design of machinery - Risk assessment and risk reduction (ISO 12100:2010, IDT) ISO 14155 Good clinical practice for clinical investigation of medical devices intended for human use devices for human subjects-Good clinical practice) ISO 14971 Medical devices-Application of risk management to medical devices agement to medical devices) Note. GB/T 42062-2022 Application of Medical Device Risk Management to Medical Devices (ISO 14971:2019, IDT) ISO 22442-1 Medical devices utilizing animal tissues Part 1: Risk management application and their derivatives-Part 1: Application of risk management)