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

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**Wheelchairs - Part 30: Wheelchairs for changing occupant
posture - Test methods and requirements**
(English Translation)

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References

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 is part 30 of GB/T (Z) 18029 "Wheelchairs". GB/T (Z) 18029 has published the following parts.

--- Part 1: Determination of static stability;

--- Part 2: Determination of dynamic stability of electric wheelchairs;

--- Part 3: Determination of braking performance;

--- Part 4: Determination of theoretical energy consumption of electric wheelchairs and electric scooters;

--- Part 5: Determination of size, mass and operating space;

- Part 6: Determination of maximum speed of electric wheelchairs;
- Part 7: Measurement of seat and wheel dimensions;
- Part 8: Requirements and test methods for static strength, impact strength and fatigue strength;
- Part 9: Climatic test methods for electric wheelchairs;
- Part 10: Determination of obstacle surmounting capability of electric wheelchairs;
- Part 11: Test dummies;
- Part 13: Determination of coefficient of friction of test surfaces;
- Part 14: Requirements and test methods for power and control systems for electric wheelchairs and electric scooters;
- Part 15: Requirements for information release, document issuance and identification;
- Part 16: Flame retardancy of body positioning devices;
- Part 19: Wheeled mobile devices that can be used as seats for motor vehicles;
- Part 21: Electromagnetic compatibility requirements and test methods for electric wheelchairs, electric scooters and battery chargers;
- Part 22: Adjustment procedures;
- Part 25: Batteries and chargers for electric wheelchairs;
- Part 26: Terminology;
- Part 28: Requirements and test methods for stair climbing equipment;
- Part 30: Test methods and requirements for wheelchairs that change the occupant's posture.

This document is equivalent to ISO 7176-30:2018 "Wheelchairs - Part 30: Test methods for wheelchairs with changing occupant posture and Require".

Introduction

GB/T (Z)18029 "Wheelchairs" is a standard that ensures the performance and quality of wheelchairs and accurately provides these performance and quality to relevant parties.

Wheelchair users want to know the performance and quality of the product, manufacturers want to know how the product achieves good quality, and testing agencies want to know how to achieve good quality.

I want to know how to inspect the product. Because GB/T (Z) 18029 is too long, and the parties using the document generally only need to Some content, and the updates of each

part will not be synchronized, so it is compiled in parts and is planned to consist of 24 parts.

- Part 1: Determination of static stability;
- Part 2: Determination of dynamic stability of electric wheelchairs;
- Part 3: Determination of braking performance;
- Part 4: Determination of theoretical energy consumption of electric wheelchairs and electric scooters;
- Part 5: Determination of size, mass and operating space;
- Part 6: Determination of maximum speed of electric wheelchairs;
- Part 7: Measurement of seat and wheel dimensions;
- Part 8: Requirements and test methods for static strength, impact strength and fatigue strength;
- Part 9: Climatic test methods for electric wheelchairs;
- Part 10: Determination of obstacle surmounting capability of electric wheelchairs;
- Part 11: Test dummies;
- Part 13: Determination of coefficient of friction of test surfaces;
- Part 14: Requirements and test methods for power and control systems for electric wheelchairs and electric scooters;
- Part 15: Requirements for information release, document issuance and identification;
- Part 16: Flame retardancy of body positioning devices;
- Part 19: Wheeled mobile devices that can be used as seats for motor vehicles;
- Part 21: Electromagnetic compatibility requirements and test methods for electric wheelchairs, electric scooters and battery chargers;
- Part 22: Adjustment procedures;
- Part 25: Batteries and chargers for electric wheelchairs;
- Part 26: Terminology;
- Part 28: Requirements and test methods for stair climbing devices;
- Part 30: Test methods and requirements for wheelchairs that change the occupant's posture;
- Part 31: Requirements and test methods for lithium-ion battery systems and chargers for electric wheelchairs;