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

GB/Z 13800-2021

Replacing GB/T 13800-2009

Manual wheelchairs

手动轮椅车

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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 of Standardization Documents" Drafting. This document replaces GB/T 13800-2009 "Manual Wheelchair". Compared with GB/T 13800-2009, the main technical changes are as follows:

---Modified the performance requirements (see 5.5, 5.3 of the 2009 edition);

---Modified the static stability test method, citing GB/T 18029.1 (see 7.4.2, 7.4.3, 7.4.4, 2009 edition 7.4.2, 7.4.3, 7.4.4);

--- Modified the test method for flame retardancy of body position fixtures, and quoted GB/T 18029.16 (see 7.5,

7.6 of the 2009 edition). Please note that some of the contents of this document may involve patents. The issuing agency of this document is not responsible for identifying patents. This document was proposed by the Ministry of Civil Affairs of the People's Republic of China. This document is under the jurisdiction of the National Standardization Technical Committee for Rehabilitation and Special Equipment for the Disabled

(SAC/TC148). Drafting organizations of this document. National Rehabilitation Assistive Devices Research Center, National Rehabilitation Assistive Devices Quality Supervision and Inspection Center, Foshan Quality and Standardization Research Institute, Shanghai Hubang Intelligent Rehabilitation Equipment Co., Ltd. The main drafters of this document. Shan Xinxin, Yan Heping, Gu Huiru, Gong Qing, Zhao Cishun. The previous versions of this document and the documents replaced are as follows:

---GB/T 13800-1992;

---GB/T 13800-2009;

---This is the second revision. Manual wheelchair

1 Scope

GB/Z 13800-2021 is the Chinese national standard on manual wheelchairs, in the field of health care technology. The /Z suffix marks it as a guiding technical document: it does not prescribe requirements that can be certified against, but sets out the technique, the method or the state of the art that the standards bodies recommend following. It was issued on 11 October 2021 by the State Administration for Market Regulation; Standardization Administration of China. As a guiding technical document it carries no separate date of entry into force: it applies from publication. Classification: ICS 11.180, CCS Y14. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the model naming, requirements, test dummies, inspection methods, documents, identification and packaging, and inspection reports for manual wheelchairs. Report and inspection rules. This document is applicable to manual wheelchairs used by passengers who only carry 1 person and whose mass does not exceed 100kg, that is, according to GB/T 16432 points The following manual wheelchairs of the class. Manual wheelchair two-hand wheel drive wheelchair (122203) Manual wheelchair swing rod drive wheelchair (122206) One-hand drive wheelchair (122209) Foot Drive Wheelchair (122215) Manual wheelchair operated by caregiver (122218) This document does not apply to competitive wheelchairs and dance wheelchairs used by the disabled.

2 Normative references

The contents of the following documents constitute the indispensable clauses of this document through normative references in the text. Among them, dated quotations Only the version corresponding to that date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to This document.

GB/T 16432 Classification and terminology of rehabilitation assistive devices

GB/T 18029.1 Wheelchair Part

3 Terms and definitions

GB/T 18029.1, GB/T 18029.3, GB/T 18029.8 and GB/T 18029.26 defined and the following terms and definitions apply In this document.

3.1 Manual wheelchair It provides wheeled movement and body support devices for people with mobility impairments, and the rider or caregiver provides maneuvering force.

3.2 Maximum user mass The maximum quality of the occupant specified by the manufacturer.

5 Measurement of size, quality and operating space

GB/T 18029.8 Wheelchair Part

8.Requirements and test methods for static strength, impact strength and fatigue strength

GB/T 18029.11 Wheelchair Part

11 Test dummy

GB/T 18029.15-2008 Wheelchair Part

15 Requirements for information release, document issuance and labeling

GB/T 18029.16 Wheelchair Part

16 Flame Retardancy of Body Position Support Device

GB/T 18029.26 Wheelchair Part