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Ergonomics-Guidelines for accessible design of home

人类工效学 家居无障碍设计导则

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Foreword

This document complies with the provisions of GB/T 1:1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

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This document is proposed and coordinated by the National Ergonomics Standardization Technical Committee (SAC/TC7):

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Ergonomic home accessibility design guidelines

1 Scope

This document stipulates the ergonomic principles for home accessibility design and the barrier-free design of home spaces, facilities, equipment and household items: Require:

This document is suitable for the home accessibility design of adult disabled people and can be used as a reference for the home accessibility design of the elderly:

2 Normative reference documents

GB 50763-2012

3 Terms and definitions

The following terms and definitions apply to this document: 3:1 ergonomics ergonomics Study the interactions between people and other elements in systems and apply relevant theories, principles, data and methods to design to enhance people well-being and optimizing the overall performance of a system: [Source: ISO 26800:2011,2:2] 3:2 home home Environmental conditions, facilities, equipment, supplies and their combinations for home life: 3:3 accessible design accessible design Extend standard design to special populations with certain functional impairments by maximizing ease-of-use products, building Number of potential customers for a building or service:

- Design products, services and environments that can be easily used by most users without any modification;
- Make products or services suitable for different users (user adaptation interface);
- Equipped with standardized interfaces to be compatible with products specifically designed for people with disabilities:

[Source: GB/T 20002:2-2008,3:2, with modifications] 3:4

usercharacteristicsusercharacteristics User attributes that may affect usability:

Note: User characteristics include physiological, psychological and social characteristics, such as human body size, biomechanical characteristics, audio-visual and tactile abilities, cognitive abilities, knowledge and experience, and cultural differences:

differences, literacy, language, demographic characteristics (age and gender), etc:

[Source: GB/T 32265:1-2015, 3:20, modified]