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

GB/T 43351-2023

**Accessible design - Information contents, figuration and
display methods of tactile guide maps**

无障碍设计 触摸导引地图的内容、图形和表达方法

(English Translation)

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Reference

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:

This document is equivalent to ISO 19028:2016 "Content, graphics and expression methods of touch guidance maps for barrier-free design":

This document has made the following minimal editorial changes:

---Added Appendix D (informative), regarding the application guide of my country's Braille in touch-guided maps:

Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents:

Introduction

With the increase in the number of elderly people and the continuous improvement of social participation of people with functional impairment, there is an urgent need to provide basic services for this group of people:

Infrastructure should be improved: There are an increasing number of devices that help people with low vision and blindness improve their ability to participate in social activities: in these devices , the touch guidance map is a convenient tool that provides them with the necessary positioning information for their activities: Although the number of installations of these devices has steadily increased However, at the same time, there has been a significant increase in inappropriate or misleading touch-guided maps, which has caused big problems for users: to understand to address these issues, this document provides general principles for information content, graphics and presentation methods, and standardized representations for touch-guided maps:

Accessible design touch guide map content, graphics and expression methods

1 Scope

This document specifies the information content and graphics of touch guidance maps, and describes the presentation method:

This document is suitable for touch guidance maps that provide building positioning information, including public buildings, public transportation, parks, and nearby areas:

The environment also includes information about access to these places, enabling people

with low vision and blindness to move safely and smoothly in these facilities:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations for undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

ISO 17049 Accessible design-Application of braille on signs, equipment and utensils (Accessible design-Application of Note: GB/T 39758-2021 Application of Accessible Design Braille on Signs, Equipment and Utensils (ISO 17049:2013, IDT)

3 Terms and definitions

The following terms and definitions apply to this document:

touch guide map tactileguidemap in the form of installation-mounted or portable manuals, through the use of similar raised lines and/or raised or recessed surfaces, tactile markings (3:6), Braille and/or raised characters (3:10), and/or large fonts, etc., to provide general public buildings, public buildings, etc: for people with low vision and blindness:

Maps with location information inside and outside buildings such as transportation and parks:

Note: Please see Appendix D for guidance on the application of Braille in touch-guided maps in my country:

title title

Concisely indicate the contents of a touch-guided map using Braille or raised characters (3:10):

Commentary

A general description of the use of touch guidance maps (3:1), warnings and touch signs given in Braille or raised characters (3:10) information:

character lettering

Mark letters, numbers, text or their combinations that require attention in the touch guidance map: