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

*Conception accessible — Sommaire des informations, méthodes de  
figuration et d'affichage des plans de guide tactile*



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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 173, *Assistive products for persons with disability*, Subcommittee SC 7, *Accessible design*.

## Introduction

As the number of older population and social participation of persons with disabilities is increasing, the improvement of the social infrastructure for these people is an urgent issue. Devices for mobility assistance to facilitate social participation of persons with seeing impairment and blindness have rapidly disseminated. Among others, a tactile guide map is a convenient tool for providing location information which is necessary for mobility of such people. Although the number of their installation has steadily increased, it has become obvious that, in the meantime, inappropriate or misleading tactile guide maps have been increasing, which has caused the users a big problem. To solve the problem, this International Standard provides the principal and standardized specifications concerning information contents, figuration and display methods of tactile guide maps.



# Accessible design — Information contents, figuration and display methods of tactile guide maps

## 1 Scope

This International Standard specifies information contents, figuration and display methods of tactile guide maps providing location information of buildings, including those for the general public, public transport and parks, and also the surroundings in the close vicinity, including access routes to them in order to enable persons with seeing impairment and blindness to move safely and smoothly in those facilities.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 17049, *Accessible design — Application of braille on signage, equipment and appliances*

ISO 21542:2011, *Building construction — Accessibility and usability of the built environment*

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

### 3.1

#### **tactile guide map**

information map that provides persons with seeing impairment and blindness with location information of inside and outside of buildings including those for the general public, public transport and parks, which is made recognizable using, for example, convex (raised) lines and/or convex or concave (engraved) surfaces, *tactile marks* (3.6), braille and/or *raised characters* (3.10), and/or large print, having two types: an installed type in facilities, etc. and a portable booklet format

### 3.2

#### **title**

concise text in braille and/or *raised characters* (3.10) indicating the content of a *tactile guide map* (3.1)

### 3.3

#### **commentary**

information in braille and/or *raised characters* (3.10) to give general description of a *tactile guide map* (3.1), cautions and usage of *tactile marks* (3.6)

### 3.4

#### **lettering**

letters, numbers, words, or a combination of them to label items of interest in a *tactile guide map* (3.1)

### 3.5

#### **legend**

index with explanation of *tactile marks* (3.6) and/or abbreviations of braille, and/or *raised characters* (3.10) used for *tactile figures* (3.7)