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**NATIONAL STANDARD OF THE
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**Information accessibility - Testing specification for web content
accessibility evaluation**

信息无障碍 网站设计无障碍评级测试方法

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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" drafted. Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents. This document is proposed by the Ministry of Industry and Information Technology of the People's Republic of China. This document is under the jurisdiction of the National Communication Standardization Technical Committee (TC485). This document is drafted by: China Academy of Information and Communications Technology, China Disabled Persons' Federation Information Center, China Association for the Blind, China Association for the Deaf Association, Shanghai Municipal Government Portal Management Center, China Braille Press, Zhejiang University, Internet Society of China, China Association for Aging, Harbin Billion Times Digital Technology Development Co., Ltd., Zhejiang University Wangxin Technology Co., Ltd., Shanghai Wangda Software Co., Ltd. The main drafters of this document. Wu Yinghua, Cui Huiping, Sun Yongge, Wu Yushao, Yang Kun, He Chuan, Chen Xiaohai, Li Weihong, Yang Yang, Chen Chun, Tan Yumei, Zhu Shuangliu, Fu Minghui, Bu Jiajun, Chen Weigang, Huang Chang, Li Li, Zhu Qingyi, Shao Lei, Xu Jie. Information accessibility Website Design Accessibility Rating Test Methods

1 Scope

GB/Z 41284-2022 is the Chinese national standard on information accessibility - testing specification for web content accessibility evaluation, in the field of information 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 9 March 2022 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 35.240.99, CCS L67. 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 describes the rating test methodology for accessible websites. This document applies to the accessibility rating test of website design.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document. YD/T 1761-2012 Web site design accessibility technical requirements

3 Terms, Definitions and Abbreviations

3.1 Terms and Definitions The following terms and definitions apply to this document.

3.1.1 Both able-bodied and disabled, young and old can benefit from information technology, and anyone, under any circumstances, can benefit from information technology. Access to and use of information in an equal, convenient and barrier-free manner.

3.1.2 link link A link from a web page to a target.

Note. The target pointed to is another web page, or a different location on the same web page, or a picture, an email address, a file, or even an application. The object used for hyperlinks in a web page is a piece of text or a picture. When the viewer clicks the linked text or picture, the link The target will be displayed on the browser and open or run depending on the type of target. According to the different link paths, hyperlinks in web pages are generally divided into the following three types. internal links, anchor links and external links. According to the different objects, the links in web pages can be divided into. text hyperlinks, image hyperlinks, E-mail links, anchor links, multimedia File links, empty links, etc.

3.1.3 assistive technology As the hardware and/or software of the user agent, in order to meet the needs of special groups with different physical functions (such as the disabled), They provide some special features in addition to those provided by mainstream user agents, and can also provide special features in conjunction with mainstream user agents Features. NOTE. Special features provided by assistive technologies include alternative representations (such as synthesized speech or amplified content), alternative input methods (such as voice input entry), additional browsing and navigation mechanisms, content transformation (such as making forms more accessible), etc.