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**CERTIFICATION AND ACCREDITATION INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

RB/T 079-2021

**Guidance on the proficiency testing of dangerous appraisal of
building
(English Translation)**

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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. Publication of this document Institutions do not assume responsibility for identifying patents.

Introduction

"House hazard identification" is based on the hazard status of the foundation and the hazard level of the foundation and the superstructure, and the hazard of the existing house, etc.

An inspection work for comprehensive evaluation of grades. It plays an important role in effectively utilizing existing houses and ensuring the safe use of houses.

effect.

In recent years, with the continuous growth of the total number of existing buildings in our country and the occurrence of in-use housing accidents, the work of housing hazard identification has gradually increased.

Yearly increments. Since the accuracy of the house hazard identification results is closely related to the safety of people's lives and property, the relevant inspection and testing the technical capabilities of institutions are increasingly being paid attention to by society and by industry authorities. Proficiency testing as a conformity assessment activity has been it has gradually become an important means for industry authorities, accreditation agencies, and users of inspection and testing results to evaluate the technical capabilities of inspection and testing institutions.

GB/T 27043-2012 "General Requirements for Proficiency Testing for Conformity Assessment" specifies the capabilities, General requirements for the establishment and

operation of proficiency testing schemes, applicable to the organization and management of proficiency testing in all areas of inspection and testing. This document is in on the basis of GB/T 27043-2012, combined with the characteristics and requirements of the field of housing hazard identification, provide suggestions for each link of proficiency testing activities.

Guidance has been issued to help standardize the organization and implementation of proficiency testing programs in this field.

Implementation guide for proficiency testing for housing hazard identification

1 Scope

This document gives the organization and planning of proficiency testing for house hazard identification, the determination of proficiency testing items, the selection of testing methods, and the guidelines.

Guidance on the determination of valuations, proficiency assessments, proficiency testing reports, communication with participants, and confidentiality.

This document applies to the organization and implementation of proficiency testing for hazard identification of buildings.

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.

GB/T 27043-2012 General requirements for proficiency testing for conformity assessment
GB/T 28043 Statistical methods for proficiency testing using interlaboratory comparisons
JGJ125 Hazardous Building Appraisal Standard

3 Terms and Definitions

The terms and definitions defined in GB/T 27043-2012 and GB/T 28043 and the following terms and definitions apply to this document.

dangerousmember

Structures whose bearing capacity, connection structure and other properties and damage indicators such as cracks, deformation, corrosion or moth cannot meet the requirements for safe use member.

[Source. JGJ125-2016, 2.1.9] 3.2 Dangerousappraisal Through a set of technical activities, the risk degree of the identified object is judged.

[Source. JGJ125-2016, 2.1.6, with modifications] 3.3 qualitative scheme quantitative scheme A proficiency testing scheme that requires participants to identify or describe one or more characteristics of proficiency testing items.

[Source. GB/T 27043-2012, 3.7b), with modifications] 3.4 explanatory scheme A proficiency testing plan that requires participants to give explanations (or other results) after processing the provided sets of data or other information.

[Source. GB/T 27043-2012, 3.7h), with modifications] 3.5 Proficiency test item Samples, products, artefacts, reference materials/reference samples, equipment parts, measurement standards, data sets or other used for proficiency testing