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

RB/T 082-2022

**Certification requirements for operation monitoring service of
green buildings
(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 for Standardization Documents" drafting:

Please note that some contents of this document may refer to patents: The issuing agency of this document assumes no responsibility for identifying patents:

Introduction

Green buildings are to save resources, protect the environment, reduce pollution, and provide people with healthy, applicable and efficient use of air during the whole life cycle:

To maximize the realization of high-quality buildings in which man and nature coexist harmoniously: In recent years, in the "Beautiful China" national strategy and the new era of architecture Under the guidance of the "green" development policy of the industry, my country's green buildings have made great achievements, and basically formed a concept leading, clear goals, policy matching, A system with perfect standards and well-managed systems has played a huge role in the process of urban renewal:

After more than 10 years of green building development, it is urgent to solve the demands from high-speed development to high-quality development: GB/T 50378-2019 Emphasizing that more attention should be paid to operational effectiveness during the life cycle of green buildings: JGJ/T 391-2016 clearly states that green building operation refers to "system operation":

Green building maintenance refers to "equipment and facility maintenance", and "system operation" is a key indicator to determine the overall quality of green buildings: It can be seen that green building A monitoring system that provides real-time data on the operating status of green buildings and performs data display, statistics, and analysis, which is closely related to the operating quality of green buildings However, at this stage, there are many service organizations (green building operation monitoring service providers) that provide operation monitoring for green buildings:

It is difficult to distinguish, and there is an urgent need to formulate relevant standards for green building operation monitoring services to regulate the behavior of green building operation monitoring service providers:

This document combines the characteristics of green building operation monitoring services, and proposes from the aspects of green building operation monitoring service resources, process and results:

The certification requirements for green building operation monitoring services are certified by a neutral and authoritative third-party certification body, which helps to strengthen green

building operation Monitor the self-discipline ability of service organizations, improve the management level of green building operation, guide the healthy development of green building operation monitoring service industry, Help improve the quality of green building operation, and promote the sustainability of resource conservation and environmental protection in my country:

Certification requirements for green building operation monitoring services

1 Scope

This document specifies the general requirements, certification mode, evaluation content, evaluation model, evaluation process and requirements and requirements for certification results:

This document is applicable to certification bodies carrying out service certification activities for green building operation monitoring service providers, and also for green building operation Monitoring service providers conduct self-evaluation, and relevant industry associations can refer to it:

2 Normative references

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

GB 3096 Acoustic Environmental Quality Standard GB 5749 Hygienic Standards for Drinking Water GB/T 18883 Indoor Air Quality Standard GB/T 27207-2020 Guidelines for Selection and Application of Certification Modes for Conformity Assessment Services GB/T 32224-2020 Heat Meter GB/T 35626 Specification for Limitation of Disturbing Light in Outdoor Lighting GB 50034 Design Standards for Architectural Lighting GB 50118 Code for sound insulation design of civil buildings GB 50311-2016 Code for Engineering Design of Integrated Cabling System GB/T 50378-2019 Green Building Evaluation Standard GB 50555 Water-saving Design Standards for Civil Buildings GB 50736 Design code for heating, ventilation and air conditioning of civil buildings GB/T 50785-2012 Evaluation standard for indoor heat and humidity environment of civil buildings GB/T 51161 Energy Consumption Standards for Civil Buildings CJJ/T 271-2017 Technical Standards for Online Monitoring of Urban Water Supply Quality CJ/T 477-2015 Ultrasonic Gas Meter DL/T 448-2016 Technical Management Regulations for Electric Energy Metering Devices GA/T 644-2006 Technical Requirements for Electronic Inspection System JJG162-2019 Verification Regulations for Drinking Cold Water Meters JGJ/T 163 Code for Design of Urban Nightscape Lighting JGJ/T 285-2014 Technical Regulations for Remote Monitoring

System of Energy Consumption in Public Buildings JGJ/T 334-2014 Construction
Equipment Monitoring System Engineering Technical Specifications JGJ/T 391-2016
Technical Specifications for Green Building Operation and Maintenance JGJ/T 417-2017
Technical Specifications for Operation and Maintenance of Building Intelligent System RB/T
056-2020 Conformity Assessment Service Quality Measurement Methods and Application
Guidelines SZDB/Z325-2018 Green Property Management Guidelines