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

RB/T 057-2020

**Certification requirements for bioenergy forest base
(English Translation)**

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Table of Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Certification technical requirements

4.1 Declaration of compliance with laws, regulations and international conventions

4.2 Ownership of Biomass Energy Forest Base

4.3 Biomass energy forest base construction conditions

4.4 Operation and management of biomass energy forest base

4.5 Productivity

4.6 Ecological environmental impact

4.7 Social impact

5 Certification process requirements

5.1 General

5.2 Application review

5.3 Evaluation

5.4 Certification decision

5.5 Certification

5.6 Supervision

5.7 Change

5.8 Recertification

Appendix A (informative appendix) Relevant laws, regulations and technical regulations and guidelines

Appendix B (informative appendix) Relevant international conventions signed by China

Reference

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009:

This standard was proposed and managed by the National Certification and Accreditation Administration Committee:

Drafting organizations of this standard: China Quality Certification Center, Chinese Academy of Forestry, Beijing Forestry University, National Renewable Energy Center, National Forestry Bureau Investigation, Planning and Design Institute, China Renewable Energy Society, China Standard Technology Service Co., Ltd., Nankai University Castor Engineering Research Xin, Hunan Academy of Forestry, Inner Mongolia Wengniute Banner Economic Forest Farm, Inner Mongolia Wengniute Banner Yajishan Forest Farm:

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Introduction

Forestry biomass energy is an important part of forestry economy and an important renewable energy source: The development of forestry biomass energy in my country is still in place at the initial stage, my country has issued the "Renewable Energy Law of the People's Republic of China" and "National Forestry Biomass Energy Development Plan (2011-2020) A series of laws, regulations and policies, including forestry biomass energy, will accelerate the development of renewable energy: Persist in the development of forestry biomass energy the principle of coordination with ecological, economic and social benefits, increase the proportion of forestry biomass energy in renewable energy, and promote the adjustment of energy structure and Modern forestry development is an important part of the sustainable development of energy and forestry: Establishing a forest certification system and promoting forest certification work is to promote as an effective means of sustainable forest management, my country has initially formed the basic framework of the forest certification system:

In order to supplement and improve my country's forest certification system and promote the construction of forestry biomass energy forests and the integrated development of forest energy, this standard is on the basis of management certification, the certification requirements and certification of biomass energy forest bases based on the characteristics and actual conditions of my country's biomass energy forests the process was standardized: While paying attention to the main processes including the construction and management of energy forest bases, it focused on the resources for energy forest bases:

The assessment of source productivity also emphasizes the impact assessment of the construction and development of energy forest bases on the social, economic and environmental sustainability:

This standard is conducive to promoting the large-scale, professional and industrial development of forestry biomass energy, and guides certification agencies to carry out the certification of energy forest bases:

To promote the healthy development of biomass energy forests in my country:

Biomass energy forest base certification requirements

1 Scope

This standard specifies the certification technical requirements and certification process requirements for biomass energy forest bases:

This standard applies to certification bodies to carry out the certification of biomass energy forest bases, and can also be used for the management and management of biomass energy forest base business units:

Improvement and self-evaluation:

2 Normative references

The following documents are indispensable for the application of this document: For dated reference documents, only the dated version applies to this article Pieces: For undated references, the latest version (including all amendments) applies to this document:

GB/T 15776-2016 Technical Regulations for Afforestation GB/T 27065 Conformity assessment product, process and service certification body requirements

3 Terms and definitions

The following terms and definitions apply to this document:

Bioenergy

The energy form of solar energy stored in biomass in the form of chemical energy is the energy with biomass as the carrier: It comes directly or indirectly the photosynthesis derived from plants can be converted into conventional solid, liquid and gaseous fuels, which is a kind of renewable energy:

[GB/T 30366-2013, definition 2:4:2] 3.2 Bioenergyforest Forest resources whose main purpose is to produce biomass energy:

Oilbearingenergyforest Forest resources whose main purpose is to use the oil contained in the production of biodiesel and other products:

Woodyenergyforest

Forest resources whose main purpose is to use forest wood to produce solid, liquid, or gas fuel or directly burn to generate electricity:

Starchenergyforest

Forest resources whose main purpose is to use the starch contained in forest trees and forest tree seeds to produce fuel ethanol and other liquid biofuels:

Bioenergyforestbase

On the basis of meeting the directional cultivation management requirements and standardized management procedures, it can provide biomass energy forests with stable and sustainable raw materials:

Bioenergy forest base management unit Carry out the management of biomass energy forest bases in accordance with the determined business policy and business objectives, and a biomass energy forest base with legal personality Operating subject: