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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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Technical regulation for afforestation for Carbon Sequestration

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(English Translation)

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Foreword

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

This standard is proposed and managed by the State Forestry Administration.

This standard was drafted. Afforestation and Greening Management Department of the State Forestry Administration and Investigation Planning and Design Institute of the State Forestry Administration.

Introduction

Increasing forest carbon sequestration through carbon sink afforestation activities is one of the important means for forestry to cope with climate change. Carbon sinking is to increase forest carbon the main purpose is to carry out afforestation activities with special requirements for the implementation of carbon sink measurement and monitoring in the whole process of afforestation and forest growth. especially There are special requirements in afforestation site selection, baseline survey, carbon sink measurement and monitoring, etc. It is necessary to investigate and record project scenarios and project activities.

Related content. The existing "Technical Regulations for Afforestation" (GB/T 15776-2006) cannot meet the requirements for standard carbonation afforestation activities. For the section to study and standardize the carbon sink afforestation project activities, the "Technical Regulations for Carbon and Afforestation" was formulated.

This standard considers the United Nations Framework Convention on Climate Change (UNFCCC) on afforestation and reforestation under the Clean Development Mechanism (CDM).

The requirements of the target activities, combined with the actual situation in China, the qualification judgment, baseline selection and baseline survey of carbon sinks, and the foundation of the project the determination of the line time and so on gives clear provisions for the development of carbon sink afforestation activities in China, and promotes the

afforestation project to participate in carbon trading.

specification.

Carbon sink afforestation technical regulations

1 Scope

This standard stipulates the selection, investigation and operation design of carbon sink afforestation sites, tree species selection, afforestation methods, land preparation, forest tending, inspection Technical requirements such as acceptance and file management.

This standard applies to carbon sink afforestation in China.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB 6000 Main afforestation tree seedling quality grading GB 7908 forest tree seed quality classification GB/T 15776 Afforestation Technical Regulations GB/T 15781 Forest Tending Regulations GB/T 18337.3 Technical regulations for the construction of ecological public welfare forests LY/T 002 afforestation project carbon sink measurement monitoring guide LY/T 1000 container seedling technology LY/T 1607 afforestation operation design procedure

3 Terms and definitions

The following terms and definitions apply to this document.

Baseline scenario in the absence of carbon sink afforestation project activities, under the technical conditions, financing capacity, resource conditions and policies and regulations of the project location, the most suitable Land management represents the future scenarios of land use and management within the project boundary.

Carbon pool

Carbon storage, usually including above-ground biomass, underground biomass, litter, dead wood, and soil organic carbon pools. Its unit is quality unit. In addition, wood forest products can also be considered as a carbon pool.

Forest carbon sink forestcarbonsequestration the process, activity or mechanism by which forest ecosystems absorb and store CO₂ in the atmosphere.

Carbon sink afforestationforcarbonsequestration with the main purpose of increasing forest

carbon sinks, there are special requirements for the implementation of carbon sink measurement and monitoring in the whole process of afforestation and forest growth.

Afforestation.