

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

LY/T 2810-2017

Technical specification for structured forest management

结构化森林经营技术规程

(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 was proposed by the Chinese Academy of Forestry:

This standard is under the jurisdiction of the State Forestry Administration:

Drafting organizations of this standard: China Forestry Research Institute of Forestry, Forestry Research Institute of Xiaolongshan Forestry Experimental Bureau of Gansu Province, Jilin Province Provincial Jiaohe Forestry Experimental Zone Administration:

1 Scope

This standard defines the terminology of structured forest management and standardizes the technical system of structured management, including forest management status types and economic Management strategy, forest stand spatial structure adjustment technology, logging marks, etc:

This standard applies to forest management activities that optimize and adjust forest structure:

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 15781-2015 Forest Tending Regulations GB/T 26424-2010 Technical Regulations for Forest Resources Planning, Design and Investigation LY/T 1646-2005 forest harvesting operation regulations

3 Terms and definitions

The following terms and definitions apply to this document:

Structure-based forest management the forest structure optimization management technology based on the spatial relationship of 4 nearest neighboring trees is called structured forest management for short: Structured forest economy the camp is aimed at cultivating healthy and stable forests, adheres to the business philosophy of tree-oriented, cultivation-oriented, and ecological priority, and uses natural climax communities the general law of (Healthy and Stable Forest Communities) is the paradigm: It uses the optimization of the forest stand spatial structure as a means, and relies on the spatial structure Forest management technology that arranges management measures during natural growth and succession:

Stratified forest layer the level of forest stand can be divided by tree height, expressed by forest level:

Stand growth

The index reflecting the forest stand vigor is expressed by the ratio of the actual forest stand area to the potential forest stand area:

Stand crowded degree

An indicator of stand density: Used to quantify the degree of crowding between trees:

Objective tree species Tree species suitable for local climate and site conditions, capable of stable growth, and in line with business objectives:

[GB/T 15781-2015, definition 3:2] 3.6 Objective tree species (or group) competition Reflect the dominance degree of the target tree species (group) in the forest stand, expressed by the combination of size ratio and relative significance: