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

LY/T 2103-2013

**Technical regulations on construction of volume table based at
the groud diameter**

根径立木材积表编制技术规程

(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 proposed by the State Forestry Administration Survey and Design Institute.

This standard by the National Forest Resources Standardization Technical Committee.

This standard was drafted. Survey and Design Institute of State Forestry Administration.

1 Scope

This standard specifies the root directory of the establishment of the number of samples of timber, data collection and processing, timber volume model selection, model solution, the model Type inspection and stand volume table expansion and other technical requirements.

This standard applies to the root cause of the nationwide establishment and revision of timber volume table.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

LY/T 1646 Forest harvesting practices the main technical regulations of forestry survey (Lin Zi [1989] No. 58)

3 Terms and definitions

The following terms and definitions apply to this document.

Root diameter treerootdiameter Trunk at a distance of 5 cm from the ground. For the root bulging species significantly rooted above the ground from the ground does not exceed 20cm Department Diameter, in data acquisition, can be determined according to species.

Root diameter timber volume tabletabletablethetreerootdiameter Taking root diameter as independent variable and standing timber volume as a function of dependent variable. Including forms, maps, mathematical models and other forms.

4.1 Table area and layout unit to determine

4.1.1

Root diameter timber volume table area should be consistent with the one-dimensional timber volume table area. When there is no one dollar bill of lading, you can Provincial administrative units, or provincial district for the tabulation area. Divisions within the province according to tree species (group) natural distribution area, forestry zoning or three districts Watershed as a basis for the division.

4.1.2

In a table area, according to the species (group), the origin of the division table unit.

4.2.1 Number of samples

Before the formal collection of the catalog samples, the distribution of the species should be initially determined based on the analysis of existing data or field investigation, etc.

Diameter range and so on, and according to the diameter range and not less than five principles of the division of diameter class. The number of samples for each diameter class according to equation (1) determine.