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Comprehensive energy consumption for wood production in forest region

林区木材生产能耗 第1部分：综合能耗

(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 and LY/T 1444.1-2015~LY/T 1444.4-2015, LY/T 1444.5-2005, LY/T 1444.6-2015 in comparison, the main changes are as follows.

--- Will LY/T 1444.1-2015~LY/T 1444.4-2015, LY/T 1444.5-2005, LY/T 1444.6-2015 and for LY/T 1444;

--- Deleted the comprehensive energy consumption summary table of Appendix B of LY/T 1444.1-2015;

--- Removed the "correction factor" in the definition of LY/T 1444.4-2015 (3.3 in LY/T 1444.4-2015);

---Modify the LY/T 1444.5-2005 definition of the term "the basic fuel consumption of automotive transportation materials is the production base of automobile transportation materials production units.

This energy consumption" (2.4 in LY/T 1444.5-2005);

--- Revised the basic fuel consumption of LY/T 1444.5-2005 automotive materials (see Table 20);

--- Deleted the physical quantity in the basic fuel consumption of LY/T 1444.5-2005 (Table 1 in LY/T 1444.5-2005);

--- Revised the calculation formula for the energy consumption of the production unit of automobile transportation materials (see 4.2.6.1);

--- Added normative references LY/T 2394 forest energy enterprise energy measurement instruments and management requirements.

This standard is supported by the National Energy Foundation and Management Standardization Technical Committee Forestry Energy Management Sub-Technical Committee (SAC/TC20/SC7) Proposed and managed.

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This standard was drafted. Northeast Forestry University, Fujian Agriculture and Forestry University, Guangzhou University Huasoft Software College, Heilongjiang Radio and Television University, Wu Hanling Jiu Gaoke Co., Ltd., Fujian Province Yong'an Forestry Factor Market, Fujian and its Changzhu Industry (Group) Co., Ltd., Nanjing Forestry University, China South Forestry University of Science and Technology, Zhuji Guangyu Bamboo Industry Co., Ltd., Guangdong Renhua County Aoda Plywood Co., Ltd., Fujian Jianye Furen Forestry Limited company.

1 Scope

This standard specifies the terminology and definition of comprehensive energy consumption for timber production in forest areas, and stipulates the calculation of energy consumption for wood production and energy consumption test for each process.

Claim.

This standard applies to the comprehensive energy consumption of timber production in forest areas and the calculation of energy consumption in each process.

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/T 6422 energy-using equipment energy test guidelines GB 14192 Safety rules for timber harvesting and transportation GB/T 15316 Energy Conservation Monitoring Technology General GB 17167 Energy-using unit energy metering equipment management and general rules LY/T 2394 Energy Measurement Instruments and Management Requirements for Forestry Enterprises

3 Terms and definitions

The following terms and definitions defined in GB 14192 apply to this document.

Comprehensive energy consumption for wood production comprehensiveenergyconsumptionofwoodproduction During the statistical reporting period, the amount of energy actually consumed by timber production enterprises was converted into the sum of standard coal.

Timber production unit output comprehensive energy consumption comprehensiveenergyconsumptionforunitoutputofwoodproduction During the reporting period, the ratio of the comprehensive energy consumption of timber production to the yield of qualified wood during the same period.

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Direct production system the general term for the main production processes such as logging (pulling, building materials), skidding, loading, transportation, and logging operations.

Indirect production system Auxiliary production systems and ancillary production systems that serve direct production.

3.4.1

Auxiliary production system Cutting area survey design, preparation work, clearing of forest farms, cutting area lighting and team power, road maintenance, of mechanical equipment and small and medium Repair, production of freight, production command vehicles, commuter cars, winter office and hangar heating.

3.4.2

Affiliated production system consumptionforattachedproductionsystem Warehouse, environmental protection, production area, office lighting, etc.

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