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LY

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

LY/T 1503-2011

Replacing LY/T 1503-1999

Processing logs for sleeper

加工用原木 枕资

(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 replaces LY/T 1503-1999 "Processing Wood Pillows".

Compared with LY/T 1503-1999, the main technical changes of this standard are as follows.

---Adjusted the tree species;

--- Change the ratio of the decay area to the cross-sectional area of the gauge diameter to the decay diameter and the gauge diameter;

--- tightened the limits of bending;

--- Increased sampling methods and product marks.

This standard is proposed and managed by the National Timber Standardization Technical Committee (SAC/TC41).

This standard was drafted. National Timber Standardization Technical Committee, Wood Saw Timber Subcommittee, National Furniture Product Quality Supervision and Inspection Center (Guangdong), Zhaoqing City State-owned Forestry General Center Da Nanshan Forest Farm, Guilin Forestry Bureau Timber Corporation, Heilongjiang Province Friendship Forestry Bureau Product Distribution Company, Manzhouli Sino-Russian (Shentie) Wood Preservation Co., Ltd., Harbin Railway Bureau Works Department, Guangzhou Railway Group Corporation Works Office, Wuhan Wood Material anti-corrosion plant, Yingtan wood anti-corrosion plant.

1 Scope

This standard specifies the technical requirements, sampling methods, inspection methods, volume calculation and product identification of pillows.

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This standard is applicable to logs for the processing of ordinary wooden pillows for railway standard rails.

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 144 log inspection GB 4814 original wood product table GB/T 17659.1 Sawmills for batch inspection and sampling - Part 1 . Methods and methods LY/T 1511 Log Product Marking

3.1 Tree species

Larch, P. massoniana Lamb., P. yunnanensis Franc, Spruce, Fir, Hemlock, Pinus sylvestris (P.syluestrisvar.mongolicaLitv.), Pinus radiata (P.radiata), Liquidambar formosana (L.formosanaHance), birch (B.utilisD.Don) and other suitable species.

3.2 Size

3.2.1
Length of gauge. 2.5m, 5.0m, 7.5m.

3.2.2
Inspection diameter. from 26cm or more, press 2cm to upgrade.

3.2.3
Long tolerances allow 6-2cm.

3.3 Limitation of defects

The allowable limits of defects are shown in Table 1.

Table 1 Limits of defect tolerance

Defect name allowable limit the missing section is not allowed in the entire length of the material.

Sapwood decay

Heartwood decay

26cm~28cm

30cm~38cm

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From 40cm or more

The thickness of the edge rot does not exceed the diameter of the gauge not allowed 5% 10% 26cm~38cm from 40cm or more the diameter of the heart rot does not exceed the diameter of the gauge not allowed 10% the maximum arch height of the bend does not exceed 4% of the length of the curved inner bend

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