

TREATED WOOD POLICY

November 11, 2005

The Board of Review of the American Lumber Standard Committee, Incorporated (American Lumber Standard Committee) is authorized to accredit and monitor quality control agencies providing service to treating plants producing preservatively treated forest products.

The purpose of the Board of Review accreditation and monitoring shall be to determine the competency and reliability of, and adequacy of the facilities provided by, those quality control agencies involved in providing services to treating plants producing preservatively treated forest products under specified current edition American Wood-Preservers' Association standards. Those standards are:

1. Preservative Standards:
 - P1/P13 Standard for Creosote Preservative
 - P2 Standard for Creosote Solution
 - P5 Standard for Waterborne Preservatives
 - P8 Standard for Oil-Borne Preservatives
 - P9 Standards for Solvents and Formulations for Organic Preservative Systems

- 2a. Use Category System: U1--User Specification for Treated Wood
 - Introduction--The Use category System
 - Service Conditions for Use Category Designations (excluding UCFA and UCFB)

Use Category	Service Condition	Use Environment
UC1	Interior construction, above ground, dry	Continuously protected from weather or other sources of moisture
UC2	Interior construction, above ground, damp	Protected from weather cycles, not exposed to prolonged wetting
UC3A	Exterior construction, above ground, coated & rapid water run-off	Exposed to all weather cycles, not exposed to prolonged wetting
UC3B	Exterior construction, above ground, uncoated or poor water run-off	Exposed to all weather cycles including prolonged wetting
UC4A	Ground contact or fresh water, non-critical components	Exposed to all weather cycles, normal exposure conditions
UC4B	Ground contact or fresh water, critical components or difficult replacement	Exposed to all weather cycles, high decay potential including salt water splash
UC4C	Ground contact or fresh water, critical structural components	Exposed to all weather cycles, severe environments, extreme decay potential
UC5A	Salt or brackish water and adjacent mud zone, northern waters	Continuous marine exposure (salt water)
UC5B	Salt or brackish water and adjacent mud zone, NJ to GA, south of San Francisco	Continuous marine exposure (salt water)
UC5C	Salt or brackish water and adjacent mud zone, south of GA and Gulf Coast	Continuous marine exposure (salt water)

Guide to Treated Wood End Uses

- Use Category
- Reference to Commodity Specification
- Special Requirements

Standardized Preservatives
Standardized Wood Species
Explanatory Notes

Commodity Specifications: (A through G only)

Sawn Products (includes Permanent Wood Foundations-PWF)
Posts (includes Playground Material and Round Building Poles)
Crossties and Switchties
Poles, Utility
Round Timber Piling
Wood Composites
Marine (Salt Water) Applications

2b. Use Category System: T1--Processing and Treatment Standard

- I. Introduction
- II. Section 1--General Requirements
- III. Section 2--Treatment
- IV. Section 3--Results of Treatment Didecyldimethylammonium Chloride
- V. Section 4--Preservatives
- VI. Section 5--Quality Control and Inspection
- VII. Section 6--Retreatment
- VIII. Section 7--Drying After Treatment
- IX. Section 8--Special Requirements by Commodity (excludes Fire Retardants and Millwork Products)

3. Analysis Methods:

- A1 Standard Methods for Analysis of Creosote and Oil-Type Preservatives
- A2 Standard Methods for Analysis of Waterborne Preservatives
- A3 Standard Methods for Determining the Penetration of Preservatives
- A4 Standard Methods for Sampling Wood Preservatives
- A5 Standard Methods for Analysis of Oil-Borne Preservatives
- A6 Method for the Determination of Oil-Type Preservatives and Water in Wood
- A7 Standard for Wet Ashing Procedures for Preparing Wood for Chemical Analysis
- A9 Standard Method for Analysis of Treated Wood and Treating Solutions by X-ray Spectroscopy
- A11 Standard Method for Analysis of Treated Wood and Treating Solutions by Atomic Absorption Spectroscopy
- A12 Wood Densities for Preservative Retention Calculations
- A13 Standard Method of Analysis for Acid Number of Naphthenic Acids in Copper Naphthenate
- A14 Standard Method for Determination of Water-Extractable Copper in Copper Naphthenate
- A16 Standard for HPLC Method for Didecyldimethylammonium Chloride Determination in Treated Wood
- A17 Standard for Determination of Didecyldimethylammonium Chloride in ACQ Solutions
- A18 Standard for Determination of Quaternary Ammonium Compounds in Wood by 2-Phase Titration
- A21 Standard Method for the Analysis of Wood and Wood Treating Solutions by Inductively Coupled Plasma Emission Spectrometry
- A25 Standard Method of Analysis of Copper Dimethyldithiocarbamate (CDDC) Treated Wood by Colorimetry
- A28 Standard Method for Determination of Propiconazole and Tebuconazole in Wood, in Waterborn Formulations and Treating Solutions by HPLC

A31 Standard Method for the Analysis of Solutions and Wood For Azoles by Gas Chromatography (GC)

4. Miscellaneous Standards:

- M2 Standard for Inspection of Treated Timber Products With Preservatives
- M3 Standard Quality Control Procedures for Wood Preserving Plants

This accreditation and monitoring by the Board of Review shall in no way indicate adoption of, approval of, or responsibility for such standards, or treating preservatives or treating processes, by the American Lumber Standard Committee or the Board of Review. Nor shall this accreditation and monitoring in any way indicate any endorsement, adoption, approval or responsibility of or for any warranty or other representation by any wood-treating plant or any other person or entity in regard to the treated product, preservative, or any aspect of treating.

The accreditation and monitoring shall be pursuant to regulations adopted therefore by the American Lumber Standard Committee. These regulations shall provide for the determination of agency competency, reliability and adequacy by inspection of agency records, treating plant records, and treated wood products at treating plants and at any other locations including various distribution points and destination points, and by any other appropriate means.

The Board of Review shall have the option to employ any consultants deemed appropriate to carry out this policy, and shall establish or utilize such services or entities, including laboratory services, as shall be deemed appropriate to accomplish the purpose of this policy. Such consultant fees to be for the account of the agency.

Quality control agencies applying to the Board of Review for accreditation and monitoring shall demonstrate to the Board the agency's competency and reliability, and adequacy of facilities, to perform the functions called for under this policy and under the implementing regulations adopted by the American Lumber Standard Committee. Such applicant agencies shall confirm to the Board of Review the agreement of their subscriber treating plants to the requirements of this policy and the implementing regulations adopted by the American Lumber Standard Committee.

Applicant agencies shall agree to pay such charges and fees for this program as are fixed and assessed by the American Lumber Standard Committee.

This program shall not include fire retardant formulations, treatments or products.