

# *AWPA and ASC 05 Update*

## American Wood Protection Association

Presented by:

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*Executive Vice President / CEO*



# *About AWPA*

- Organized 1904: St. Louis World's Fair
- 751 Individual Members
- 47 Organizational Sponsors
- Primary focus: Standardization
- 18 Committees (185 members)
- 148 standards (172 in January 2012)
- Forum for the exchange of technical information – members and public

# *Standards for Treated Wood*

- AWWPA process is ANSI Accredited
- Technical Committee Regulations
- Open membership/participation
- Balanced interest categories
- Due process/right of appeal
- No mandatory fees
- Is it perfect?
- Standardizing since 1904



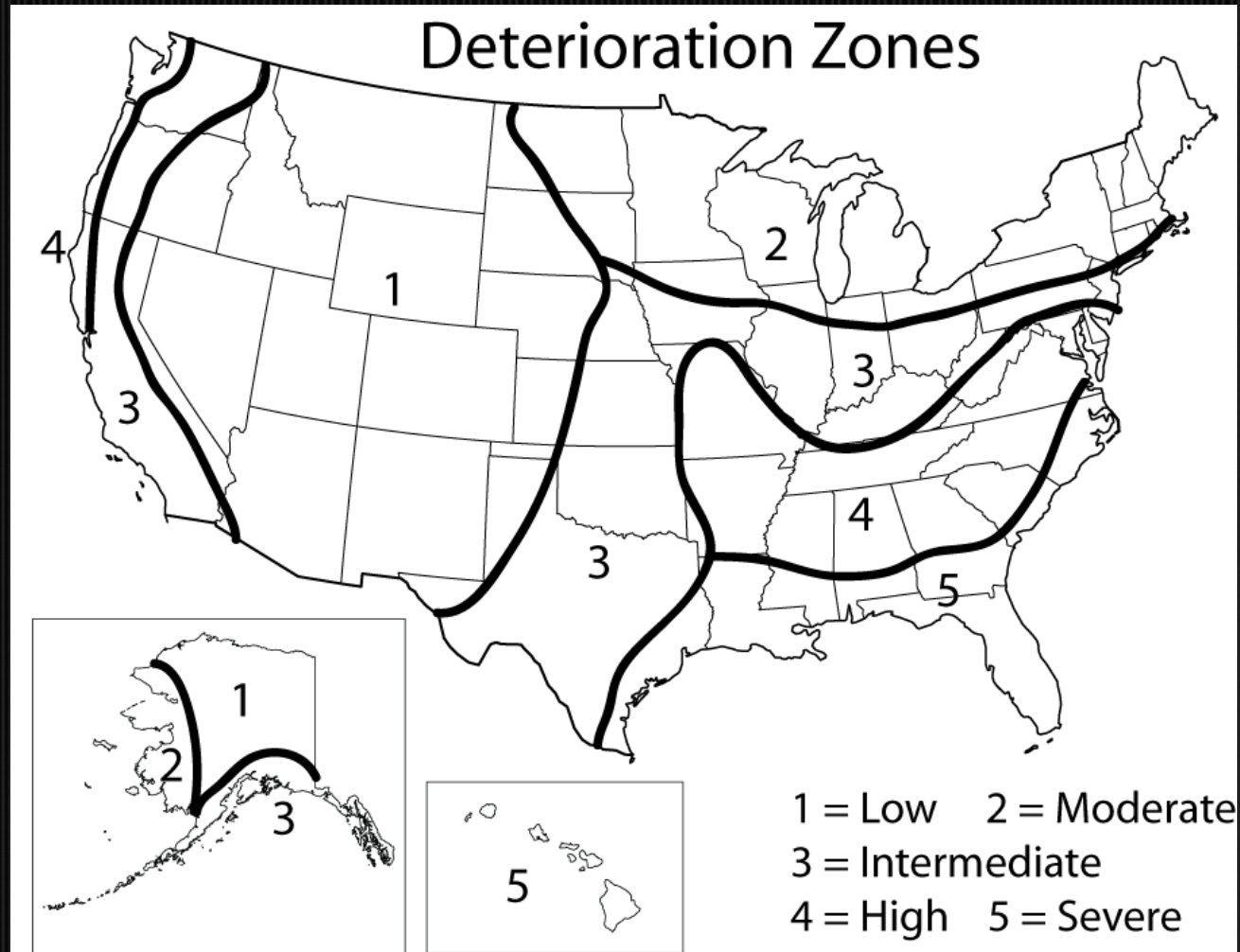
# *Specifying Treated Wood*

- Old: AWPA Commodity Standards
- New: AWPA Use Category System
- AWPA Use Categories (environment, exposure, and required reliability)
- Type of Preservative
- Wood Species
- Special Requirements

# *Specifying Treated Wood*

- UC<sub>3</sub>B – Above Ground/General Use
  - General use crossarms/braces
- UC<sub>4</sub>A – Ground Contact/General Use
  - Low decay area poles, above-ground heavy duty
- UC<sub>4</sub>B – Ground Contact/Heavy Duty
  - High decay area poles, greater reliability
- UC<sub>4</sub>C – Ground Contact/Extreme Duty
  - Severe decay area poles, highest reliability

# Specifying Treated Wood



# *Specifying Treated Wood*

- Preservative Types
  - Creosote/Solvent-borne: Penta, Creosote, Copper Naphthenate
  - Waterborne – CCA, ACZA, Other
- Species
  - Southern pine
  - Douglas-fir
  - Western red cedar
  - Other

# Specifying Treated Wood

## U1-11

USE CATEGORY SYSTEM: USER SPECIFICATION FOR TREATED WOOD

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### 4.4A Results of treatment (retention) for poles treated using the pressure process. Use Categories 4A, 4B, and 4C. English units (pcf).

Species	Oil-Type Preservative Retentions (pcf)			Waterborne Preservative Retentions (pcf a.i.)				
	CR, CR-S solution	PCP-A, PCP-C ai	CuN Cu as metal	ACZA	CCA(b)	ACQ-B	CA-B	CA-C
<b>Use Category 4A – pcf</b>								
Southern Pine	6.0	0.30	0.060	0.60	0.60	0.60	0.31	0.31
Coastal Douglas fir – Outer zone Inner zone (a)	9.0	0.45	0.075	0.60	0.60	0.60	#	#
	4.5	0.23	0.038	0.30	0.30	0.30		
Jack Pine	12.0	0.60	0.095	0.60	0.60	0.60	#	#
Red Pine	10.0	0.50	0.075	0.60	0.60	0.60	#	#
Lodgepole Pine	12.0	0.60	0.095	0.60	0.60	0.60	#	#
Radiata Pine (Chilean)	#	#	#	#	0.60	#	#	#
Western Red Cedar	20.0	1.0	0.120	0.60	0.60	0.60	0.31	0.31
Alaska Yellow Cedar	20.0	1.0	0.120	0.60	0.60	0.60	#	#
Western Larch	16.0	0.80	#	0.60	0.60	0.60	#	#
Ponderosa Pine	6.0	0.30	0.060	0.60	0.60	0.60	#	#



# *About ASC O5*

- Organized in 1924 by Bell and ASA
- Exchange Carrier Standards Association accepted responsibility in 1985
- ECSA became ATIS - Alliance for Telecommunications Industry Solutions
- Secretariat transferred to AWPA in 2011
- 50 Company Members (14 consumers, 22 producers, 14 general interest)
- Responsible for O5 series ANSI Standards



# *O5 Standards and Reports*

- O5.1 – Wood Poles
- O5.2 – Glued Laminated Poles
- O5.3 – Solid Crossarms and Braces
- O5.4 – Naturally Durable Hardwood Poles
- O5.5 – Wood Ground Wire Moulding
- O5.6 – Naturally Durable Hardwood Crossarms and Braces
- O5.TR.01 – Photographic Manual of Wood Pole Characteristics (Based on ANSI O5.1)



# *Transition from ATIS to AWPA*

- O5 Letter ballot (unanimous approval)
- ANSI public review process
- Addition of O5 procedures to AWPA  
Technical Committee Regulations
- Joint accreditation of AWPA/ASC O5
- Transfer of intellectual property/copyright
- ATIS simply replaced by AWPA as SDO
- AWPA assumed operational control as Secretariat on January 1, 2011



# *Results of Transfer*

- 3-year licensing agreement with ATIS in exchange for “budget deficit”
- ATIS controls documents until end of 2013
- Documents returned to AWPA/O5 in 2014
- Reduction in operating costs
- Dues: \$225 per organization per year
- Joint meetings to save time and costs
- Many members in common, but separate memberships
- Interests aligned with AWPA

# *For more information*

- General information and assistance with AWPA and ANSI O5 Standards
- Call: 205-733-4077
- E-mail: [email@awpa.com](mailto:email@awpa.com)
- Address: PO Box 361784  
Birmingham, AL 35236
- Website: [www.awpa.com](http://www.awpa.com)



# AWPA website

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## References and Technical Information



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Protecting Wood Since 1904

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### Information for Specifiers of Treated Wood Products

Engineers and architects, government agencies and others who develop and maintain project specifications which include the use of treated wood products have depended on AWPA Standards for well over 100 years because of its Technical Committees' expertise in the field of wood protection. Today, specifiers are faced with many different types of preservatives and species in the marketplace, some of which do not meet AWPA Standards. It is increasingly important for specifiers to continue to specify those products which meet AWPA Standards for the ultimate in safety and reliability.

#### Why is it important to specify AWPA Standards?

- For Homeowners
- For Specifiers
- For Builders
- For Code Officials
- For Dealers and Retailers
- For Wood Treaters and Manufacturers
- For Developers of Wood Protection Technologies
- For the Media

AWPA has been researched, evaluated and peer reviewed by the largest preservation/protection experts in North America. When a product has gone through the process, one has sufficient reason to trust the products contained in these documents. So often we find that through clever advertising or some careful word play in various industries try to blur the line between what has historically been a high quality product and a new, low-cost alternative product that lacks the same quality. These products will invariably seek to use the prestige of known and trusted brands without actually having gone through the process for evaluation and approval.

#### My specifications call for a number of AWPA C Standards, but those have been replaced

A simple two-page document which provides several examples of specifications for the replacement of AWPA C Standards. [Click here to download the document.](#) It is a simple guide and is not intended to cover all possible uses. After reviewing the document, if you still have questions or need any assistance in developing your specifications, please [contact us](#).

### Quick Links

[For Homeowners](#)

[For Specifiers](#)

[For Builders](#)

[For Code Officials](#)

[For Dealers and Retailers](#)

[For Wood Product Treaters and Manufacturers](#)

[For Developers of Wood Protection Technologies](#)

[For the Media](#)

# *Why are Standards Important?*

- End users understand standards
- Marketplace stability
- Reduction in risk/liability
- Lower operating costs
- Product Interchangeability
- You determine product characteristics...if you're involved!

*Questions?*

*Questions?*

**The American Wood  
Protection Association  
Thanks You**

