

**AWPA Technical Committee P-3
Fall 2025 Standardization Cycle**

AWPA Standard P39

25F-P3-P39: Proposal to Reaffirm P39 without Revisions.

Proponent(s): Kevin Archer

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: 26 Yes votes, 1 No and 1 Abstain. Recirculation ballot not required with 26 Yes votes and 2 Abstain after negative resolution process.

Executive Committee Final Action:

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▼ID	Item	Proposed Change	Committee Disposition
1776	AWPA P39 PD18R26	Additional Comment: Reaffirm without Revisions Attachment(s): <i>P39 Reaffirmation 2025.pdf</i>	

**AWPA Technical Committee P-3
Fall 2025 Standardization Cycle**

AWPA Standard P41

25F-P3-P41: Proposal to Reaffirm P41 without Revisions.

Proponent(s): Bill Rohrer

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 28 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

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▼ID	Item	Proposed Change	Committee Disposition
1770	AWPA P41 PD14R26	Additional Comment: Reaffirm without Revisions Attachment(s): <i>TEB 2025 P41-14 Standard ReaffirmationProposalForm Rev June 24 2025 .pdf, Preventol A8 II Technical Fungicide Label.pdf, Preventol A 8 II Technical Fungicide SDS.pdf, Tebuconazole AWPA reaffirmation June 2025 .pptx</i>	

**AWPA Technical Committee P-3
Fall 2025 Standardization Cycle**

AWPA Standard P60

25F-P3-P60: Proposal to Withdraw P60 without Prejudice

Proponent(s): Rick Bleskey

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 26 Yes, 0 No, and 1 Abstain

Executive Committee Final Action:

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▼ ID	Item	Proposed Change	Committee Disposition
1758	AWPA P60 PD26	Withdraw Standard	

**AWPA Technical Committee P-4
Fall 2025 Standardization Cycle**

AWPA Standard P22

25F-P4-P22: Proposal to Reaffirm P22 without Revisions.

Proponent(s): Min Chen

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 36 Yes, 0 No, and 1 Abstain

Executive Committee Final Action:

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▼ ID	Item	Proposed Change	Committee Disposition
1753	AWPA P22 PD20R26	Additional Comment: Reaffirm without Revisions <i>Attachment(s): P4_P22_ACZA_reaffirmation_proposal.pdf</i>	

**AWPA Technical Committee P-4
Fall 2025 Standardization Cycle**

AWPA Standard P23

25F-P4-P23: Proposal to Reaffirm P23 without Revisions.

Proponent(s): Min Chen

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 36 Yes, 0 No, and 1 Abstain

Executive Committee Final Action:

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▼ID	Item	Proposed Change	Committee Disposition
1754	AWPA P23 PD14R26	Additional Comment: Reaffirm without Revisions <i>Attachment(s): P4_P23_CCA_reaffirmation_proposal.pdf</i>	



AWPA Technical Committee P-4
Fall 2025 Standardization Cycle

AWPA Standard P25

25F-P4-P25: Proposal to Reaffirm and Revise P25

Proponent(s): Emmanuel Laval, Mark Manning

Committee Meeting Action: **Unanimously approved for letter ballot with minor edit to minimum retentions (proposal 1773) as noted below.**

Letter Ballot Results: **Passed unanimously as SUBMITTED with 35 Yes, 0 No, and 2 Abstain**

Executive Committee Final Action:

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▲ID	Item	Proposed Change					Committee Disposition
1750	AWPA P25 PD20R26	Additional Comment: Reaffirm without Revisions Attachment(s): <i>P25 Reaffirmation_2025.docx</i>					
1773	AWPA P25 PD20R26 SECTION STANDARD FOR INORGANIC BORON (SBX) [Table Data]	Preservative Code	SBX	Description of the Preservative	Application Method/Use Pattern	Acceptable Carriers/Diluents	
				Waterborne preservative	Vacuum-pressure treatment and Non-pressure treatment	Water	

Preservative Name	Inorganic Boron							
Preservative Composition & Physical Chem. Requirements								
Composition on a 100% Oxide Basis	Boron, as B ₂ O ₃ % 100%							
Purity Criteria -Actives	The solid or treating solution shall be made up of sufficient water soluble compounds, each in excess of 98 percent purity on an anhydrous basis.							
Acceptable Active Compounds	<ul style="list-style-type: none"> • Sodium octaborate • Sodium tetraborate • Sodium pentaborate • Boric Acid • FR-1 							
Treating Solution								
Limitations	<p>pH: None</p> <p>Temperature: None, except as limited under Standard UCS T1</p>							
Analytical Methods								
[Only major analytical methods are listed. Refer to the AWPA BOS for additionally applicable standards]								
Concentrate/Solutions	AWPA A21, A64, A40							
Wood	AWPA A7, A21, A40, A65, A68							
Committee Recommendations								
Minimum Retentions	<p>Committee P-4 recommended to the T-3 committee a retention of 0.17 pcf (2.7 kg/m³) for pre-treatment of crossties that are secondarily treated with CR, CR-S, CR-PS, or CuN in accordance with AWPA Standard U1.</p> <p>Committee P-4 also recommended minimum retentions of 0.28 pcf (4.5 kg/m³) of B₂O₃ for applications out of contact with the ground and continuously protected from liquid water. Note: Retentions are suitable in areas with Formosan termite activity.</p> <p>Committee P-4 also recommended minimum retentions of 0.94 kg/m³ (0.06 pcf B₂O₃) with no penetration requirement and using existing assay zones. This retention is for applications out of contact with the ground and continuously protected from liquid water (AWPA UC1 and UC2). This retention is for the treatment of framing that is otherwise untreated with the objective of providing protection against decay fungi, drywood termites and wood destroying beetles. This retention is not intended to provide protection against subterranean termites and is for use in homes that are otherwise protected from subterranean termites by building code required treatments such as soil termiticides.</p>							
Enforcement								
Historical	Adopted in 2008 (formerly AWPA Standard P5, No. 9)							
Reaffirmation	2000, 2007, 2014, 2020							
Amendments	1995, 2010, 2013, 2016, 2020							

		Attachment(s): <i>Borates for framing 2025 Lloyd Poe.pdf, DrysdaleReview1994.pdf, EN113 testing on Borates BRE 1997.pdf, Freitag and Morrell 2005 Development of threshold values.pdf, Progress Report - Efficacy of Bora Care for Remedial Control.pdf, 2025 Lloyd & Poe AWPA.pdf</i>	
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**AWPA Technical Committee P-4
Fall 2025 Standardization Cycle**

AWPA Standard P26

25F-P4-P26: Proposal to Withdraw P26 without Prejudice

Proponent(s): Andy Zahora

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 35 Yes, 0 No, and 2 Abstain

Executive Committee Final Action:

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▼ID	Item	Proposed Change	Committee Disposition
1729	AWPA P26 PD26	Withdraw Standard	

**AWPA Technical Committee P-4
Fall 2025 Standardization Cycle**

AWPA Standard P27

25F-P4-P27: Proposal to Withdraw P27 without Prejudice

Proponent(s): Andy Zahora

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 34 Yes, 0 No, and 1 Abstain

Executive Committee Final Action:

Note: The information presented below shows only the proposed revisions for this standard in legislative format and/or any other actions to be taken by the committee, such as creation of a new standard or reaffirmation or withdrawal of an existing standard. To view the rationale and supporting data (if any) for each proposed revision, as well as to submit comments or questions, you must visit the AWPA Standards Development Platform - <https://awpacommencing.edaptivedocs.org> (member login required).

▼ ID	Item	Proposed Change	Committee Disposition
1730	AWPA P27 PD26	Withdraw Standard	

**AWPA Technical Committee P-4
Fall 2025 Standardization Cycle**

AWPA Standard P28

25F-P4-P28: Proposal to Withdraw P28 without Prejudice

Proponent(s): Andy Zahora

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 35 Yes, 0 No, and 2 Abstain

Executive Committee Final Action:

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▼ID	Item	Proposed Change	Committee Disposition
1731	AWPA P28 PD26	Withdraw Standard	

**AWPA Technical Committee P-4
Fall 2025 Standardization Cycle**

AWPA Standard P29

25F-P4-P29: Proposal to Withdraw P29 without Prejudice

Proponent(s): Andy Zahora

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 35 Yes, 0 No, and 2 Abstain

Executive Committee Final Action:

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▼ ID	Item	Proposed Change	Committee Disposition
1732	AWPA P29 PD26	Withdraw Standard	



**AWPA Technical Committee P-4
Fall 2025 Standardization Cycle**

AWPA Standard P34

25F-P4-P34: Proposal to Reaffirm P34 with Revisions.

Proponent(s): Jim Brient

Committee Meeting Action: Unanimously approved for letter ballot with minor edit to purity criteria (proposal 1716) as noted below.

Letter Ballot Results: Passed unanimously as SUBMITTED with 36 Yes, 0 No, and 1 Abstain

Executive Committee Final Action:

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▲ID	Item	Proposed Change					Committee Disposition								
1715	AWPA P34 PD26	Additional Comment: Reaffirm without Revisions Attachment(s): <i>P34 CuN-W 2025 reaffirmation data package P34-PD26 FINAL 01June2025.pdf</i>													
1716	AWPA P34 PD26 SECTION STANDARD FOR COPPER NAPHTHENATE WATERBORNE (CUN W) [Table Data]	<table border="1"> <thead> <tr> <th>Preservative Code</th><th>CuN-W</th><th>Description of the Preservative</th><th>Application Method/Use Pattern</th><th>Acceptable Carriers/Diluents</th></tr> </thead> <tbody> <tr> <td>Preservative Name</td><td>Copper Naphthenate, Waterborne</td><td>Waterborne preservative</td><td>Vacuum-pressure treatment/Non-pressure treatment Field treatment of cuts and holes per AWPA Standard M4</td><td>Water</td></tr> </tbody> </table> <p>Preservative Composition & Physical Chem. Requirements</p> <table border="1"> <tr> <td>Composition on a 100% Active Basis</td><td>Copper as Cu: 5.0% Copper Naphthenate: 48.0%</td></tr> </table> <p>Purity Criteria – Actives</p> <p>The acid used in the manufacture of copper naphthenate shall be <u>at least 50%</u> naphthenic acid of the group of carboxylic acids occurring in petroleum and <u>not more than 50% C₈₊ carboxylic acids (C₈ or greater) having an acid number of not more than 389 mg KOH/g, and the blend</u> shall have an acid number of not less than 180 on an oil-free basis.</p> <p>The treating solution shall contain the reaction product of divalent copper with naphthenic acid meeting the requirements of the specification given above.</p> <p>Essential Formulants</p> <p>The copper naphthenate shall be dissolved in ethanolamine to give aqueous solutions within the pH range listed below. The weight of ethanolamine in treating solutions shall be 0.67 ± 0.2 times the weight of copper naphthenate to facilitate solubility.</p> <p>Treating Solution</p> <p>Tolerances</p> <p>Concentrate Tolerances on % metal and Actives Basis</p>	Preservative Code	CuN-W	Description of the Preservative	Application Method/Use Pattern	Acceptable Carriers/Diluents	Preservative Name	Copper Naphthenate, Waterborne	Waterborne preservative	Vacuum-pressure treatment/Non-pressure treatment Field treatment of cuts and holes per AWPA Standard M4	Water	Composition on a 100% Active Basis	Copper as Cu: 5.0% Copper Naphthenate: 48.0%	
Preservative Code	CuN-W	Description of the Preservative	Application Method/Use Pattern	Acceptable Carriers/Diluents											
Preservative Name	Copper Naphthenate, Waterborne	Waterborne preservative	Vacuum-pressure treatment/Non-pressure treatment Field treatment of cuts and holes per AWPA Standard M4	Water											
Composition on a 100% Active Basis	Copper as Cu: 5.0% Copper Naphthenate: 48.0%														

		<table border="1"> <tr> <td></td><td>Component</td><td>Minimum</td><td>Maximum</td></tr> <tr> <td></td><td>Copper, as Cu:</td><td>4.5%</td><td>5.5%</td></tr> <tr> <td></td><td>Copper Naphthenate:</td><td>37%</td><td>59%</td></tr> </table>		Component	Minimum	Maximum		Copper, as Cu:	4.5%	5.5%		Copper Naphthenate:	37%	59%
	Component	Minimum	Maximum											
	Copper, as Cu:	4.5%	5.5%											
	Copper Naphthenate:	37%	59%											
	Limitations	<p>pH: 8–11</p> <p>Temperature: None, except as limited under Standard UCS T1</p>												
		<p>Analytical Methods [Only major analytical methods are listed. Refer to the AWPA BOS for additionally applicable standards]</p>												
	Concentrate/Solutions	Cu: AWPA Standard A9, A21, A88 Naphthenic Acid/Copper Naphthenate: AWPA Standard A13, A41												
	Wood	Cu: AWPA Standard A9, A21, A88 Copper Naphthenate: AWPA Standard A41												
		Committee Recommendations												
	Minimum Retentions	Committee P-4 recommended the following minimum retentions: UC1 to UC3B as Cu—0.070 pcf (1.1 kg/m ³), and UC4A as Cu—0.11 pcf (1.8 kg/m ³). Note: Retentions are suitable for sawn products in areas with Formosan termite activity.												
		Enforcement												
	Historical	Adopted in 2008 (formerly AWPA Standard P5 No. 21)												
	Reaffirmation	2014, 2020												
	Amendments	2011, 2014, 2020												
		Attachment(s): <i>P34 CuN-W 2025 revision data package P34-PD26 FINAL 05June2025.pdf</i>												

**AWPA Technical Committee P-4
Fall 2025 Standardization Cycle**

AWPA Standard P45

25F-P4-P45: Proposal to Reaffirm P45 without Revisions.

Proponent(s): Min Chen

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 38 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

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▼ ID	Item	Proposed Change	Committee Disposition
1756	AWPA P45 PD20R26	Additional Comment: Reaffirm without Revisions Attachment(s): <i>P4_P45_PTI_reaffirmation_proposal.pdf</i>	

**AWPA Technical Committee P-4
Fall 2025 Standardization Cycle**

AWPA Standard P47

25F-P4-P47: Proposal to Reaffirm P47 without Revisions.

Proponent(s): Kevin Archer

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 38 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

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▼ ID	Item	Proposed Change	Committee Disposition
1772	AWPA P47 PD20R26	Additional Comment: Reaffirm without Revisions <i>Attachment(s): P47 reaffirmation 2025.pdf</i>	

**AWPA Technical Committee P-4
Fall 2025 Standardization Cycle**

AWPA Standard P51

25F-P4-P51: Proposal to Reaffirm P51 without Revisions.

Proponent(s): Emmanuel Laval

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 37 Yes, 0 No, and 1 Abstain

Executive Committee Final Action:

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▼ID	Item	Proposed Change	Committee Disposition
1751	AWPA P51 PD20R26	Additional Comment: Reaffirm without Revisions Attachment(s): <i>P51 Reaffirmation_2025.docx</i>	



AWPA Technical Committee P-5
Fall 2025 Standardization Cycle

AWPA Standard A6

25F-P5-A6: Proposal to Reaffirm A6 without Revisions.

Proponent(s): Kim Merritt

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 20 Yes, 0 No, and 1 Abstain

Executive Committee Final Action:

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▼ID	Item	Proposed Change	Committee Disposition
1755	AWPA A6 PD20R26	Additional Comment: Reaffirm without Revisions	

**AWPA Technical Committee P-5
Fall 2025 Standardization Cycle**

AWPA Standard A26

25F-P5-A26: Proposal to Reaffirm A26 without Revisions.

Proponent(s): Min Chen

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 21 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

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▼ID	Item	Proposed Change	Committee Disposition
1752	AWPA A26 PD20R26	Additional Comment: Reaffirm without Revisions	

**AWPA Technical Committee P-5
Fall 2025 Standardization Cycle**

AWPA Standard A28

25F-P5-A28: Proposal to Reaffirm A28 without Revisions.

Proponent(s): Min Chen

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 20 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

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▼ID	Item	Proposed Change	Committee Disposition
1712	AWPA A28 PD14R26	Additional Comment: Reaffirm without Revisions	



AWPA Technical Committee P-5
Fall 2025 Standardization Cycle

AWPA Standard A33

25F-P5-A33: Proposal to Withdraw A33 without Prejudice

Proponent(s): Glenn Larkin

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 21 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

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▼ ID	Item	Proposed Change	Committee Disposition
1774	AWPA A33 14R20	Withdraw Standard	



**AWPA Technical Committee P-5
Fall 2025 Standardization Cycle**

AWPA Standard A34

25F-P5-A34: Proposal to Withdraw A34 without Prejudice

Proponent(s): Glenn Larkin

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 21 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

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▼ ID	Item	Proposed Change	Committee Disposition
1775	AWPA A33 14R20	Withdraw Standard	



**AWPA Technical Committee P-5
Fall 2025 Standardization Cycle**

AWPA Standard A36

25F-P5-A36: Proposal to Revise A36

Proponent(s): Nelson Wanggui

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 21 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

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▲ ID	Item	Proposed Change	Committee Disposition
1718	AWPA A36 PD20R26 SECTION 4.4	4.4 Sodium lauryl sulfate, 0.004 M solution: Reagents Cat #: CS115100-1A or equivalent, or prepared using following procedure: Weigh 1.16 g SLS, to the nearest 0.1 mg, and transfer to a 1L volumetric flask containing approximately 500 ml of deionized water. After solids have dissolved, add one drop of triethanolamine to flask, mix and dilute to volume with deionized water. After 60 days, fresh solution should be prepared.	
1719	AWPA A36 PD20R26 SECTION 4.5	4.5 Hyamine 1622 (benzethonium chloride), 99.0+%, Millipore-Sigma Aldrich Cat #: 53751 or equivalent (mw = 448.10). Reagent is hydroscopic, it must be dried and stored in a desiccator prior to use as a reference standard.	
1720	AWPA A36 PD20R26 SECTION 4.6	4.6 Hyamine 1622, 0.004 M solution. Millipore-Sigma Aldrich Cat #: 115480 or equivalent, or prepared using following procedure: Dry 2-3 g of Hyamine 1622 at 105°C to a constant weight. Weigh 1.792 g, to the nearest 0.1 mg, of dried material and transfer to a 1L volumetric flask containing approximately 500 ml of deionized water. After solids have dissolved, dilute to volume with deionized water. It is recommended that titrant equilibrate in buret unit for 24 hours prior to use. After 60 days, fresh solution should be prepared.	
1721	AWPA A36 PD20R26 SECTION 4.12	4.12 Benzalkonium chloride (alkylbenzyldimethyl-ammonium chloride or ADBAC), Millipore-Sigma Cat #: B 6295.	
1722	AWPA A36 PD20R26 SECTION 11.1 [Table Data]	V_o = average volume (ml) of Hyamine 1622 required for SLS blank standardization titrations V = volume (ml) of Hyamine 1622 required for sample titration M = molarity (mol/L) of Hyamine 1622 solution M_w = molecular wt. (g/mol) of quat = 354 for ADBAC and 362 for DDAC and DDAC equivalents W_t = weight (g) of wood extracted E = Volume (ml) of extraction solution used to extract wood sample A = Aliquot (ml) of extract titrated $1L / 1000 ml$ = unit conversion factor	
1723	AWPA A36 PD20R26 SECTION 4.7	4.7 Ethanol, 91%, anhydrous, denatured, ACS/HPLC grade (Burdick & Jackson Cat. # AH090 or equiv.). Other grades of ethanol, such as Reagent alcohol, Millipore-Sigma Cat# 270741 , may be acceptable.	

**AWPA Technical Committee P-5
Fall 2025 Standardization Cycle**

AWPA Standard A42

25F-P5-A42: Proposal to Revise A42 with edits that include addition of Precision Statement

Proponent(s): Nelson Wanggui

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 20 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

Note: The information presented below shows only the proposed revisions for this standard in legislative format and/or any other actions to be taken by the committee, such as creation of a new standard or reaffirmation or withdrawal of an existing standard. To view the rationale and supporting data (if any) for each proposed revision, as well as to submit comments or questions, you must visit the AWPA Standards Development Platform - <https://awpacommenting.edaptivedocs.org> (member login required).

▲ ID	Item	Proposed Change	Committee Disposition
1724	AWPA A42 PD14R 26 SECTI ON 5.1.2 PARA 3	• Column Temperature, 35°C Mobile phase, 10% Water/90% Methanol Analysis mode, Isocratic Flow rate, 1.0 mL/min Sample size, 10 µL	
1725	AWPA A42 PD14R	6.3 FMC 35171, cis-permethrin Analytical Standard, available from the Agricultural Products Group, FMC Corp., Princeton, NJ 08543; or Millipore Sigma, Cat# AABH9A95ADD7, or equivalent.	

	26 SECTI ON 6.3																						
1726	AWPA A42 PD14R 26 SECTI ON 6.4	<p>6.4 FMC 30960, trans-permethrin Analytical Standard, available from the Agricultural Products Group, FMC Corp., Princeton, NJ 08543; or Millipore Sigma, Cat# AABH9A956CE3, or equivalent.</p>																					
1762	AWPA A42 PD14R 26 SECTI ON 10.0	<p><u>10. Precision Statement:</u></p> <p>10.1 The following statement and tables should be used to evaluate the acceptability of an analysis using this method. The precision data will be developed following the guidelines in ASTM E691-18</p> <p>10.2 Repeatability: Duplicate determinations by the same analyst using the same equipment should not be suspect at the 95% confidence level if the averages of the duplicate do not differ from another by equal to or less than the limits shown in the following table.</p> <p>10.3 Reproducibility: Duplicate determination on the same sample by analysts in different laboratories should not be suspect at the 95% confidence level if they do not differ from one another by equal to or less than the limits shown in the following table.</p> <p>-</p> <p>Precision Table:</p> <table> <thead> <tr> <th colspan="2"><u>Analyst in Treating Solution</u></th> <th colspan="3"><u>95% Confidence Limits</u></th> </tr> <tr> <th>#</th> <th><u>cis-Permethrin (mg/g)</u></th> <th><u>trans-Permethrin (mg/g)</u></th> <th><u>Within Lab: Repeatability</u></th> <th><u>Between Labs: Reproducibility</u></th> </tr> </thead> <tbody> <tr> <td>Sample 1</td> <td><u>0.75</u></td> <td><u>0.75</u></td> <td></td> <td></td> </tr> <tr> <td>Sample 2</td> <td><u>2.25</u></td> <td><u>2.25</u></td> <td></td> <td></td> </tr> </tbody> </table> <p>The above precision statements will base on an interlaboratory study using 6 laboratories, 2 level materials and 3 test results over three different days.</p>	<u>Analyst in Treating Solution</u>		<u>95% Confidence Limits</u>			#	<u>cis-Permethrin (mg/g)</u>	<u>trans-Permethrin (mg/g)</u>	<u>Within Lab: Repeatability</u>	<u>Between Labs: Reproducibility</u>	Sample 1	<u>0.75</u>	<u>0.75</u>			Sample 2	<u>2.25</u>	<u>2.25</u>			
<u>Analyst in Treating Solution</u>		<u>95% Confidence Limits</u>																					
#	<u>cis-Permethrin (mg/g)</u>	<u>trans-Permethrin (mg/g)</u>	<u>Within Lab: Repeatability</u>	<u>Between Labs: Reproducibility</u>																			
Sample 1	<u>0.75</u>	<u>0.75</u>																					
Sample 2	<u>2.25</u>	<u>2.25</u>																					
1763	AWPA A42 PD14R 26 SECTI ON 10.0	<p><u>11.0 References:</u></p>																					

1764	AWPA A42 PD14R 26 SECTI ON 10.1	110.1 FMC Method 505.1	
1765	AWPA A42 PD14R 26 SECTI ON 10.2	110.2 XenoBiotic Laboratories, Inc., XBL Study No. 03163, RPT01067	
1766	AWPA A42 PD14R 26 SECTI ON 10.3	110.3 FMC Study No. 138API03P3	
1768	AWPA A42 PD14R 26 SECTI ON 10.4	110.4 PTI Method CHB-CHB-OP-MTH-111-P-9	
1769	AWPA A42 PD14R 26 SECTI ON 11.0	124.0 Notes:	



**AWPA Technical Committee P-5
Fall 2025 Standardization Cycle**

AWPA Standard A46

25F-P5-A46: Proposal to Reaffirm A46 without Revisions.

Proponent(s): Ryan Sturdivant

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 20 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

Note: The information presented below shows only the proposed revisions for this standard in legislative format and/or any other actions to be taken by the committee, such as creation of a new standard or reaffirmation or withdrawal of an existing standard. To view the rationale and supporting data (if any) for each proposed revision, as well as to submit comments or questions, you must visit the AWPA Standards Development Platform - <https://awpacommenting.edaptivedocs.org> (member login required).

▼ID	Item	Proposed Change	Committee Disposition
1710	AWPA A46 PD20R26	Additional Comment: Reaffirm without Revisions	

**AWPA Technical Committee P-5
Fall 2025 Standardization Cycle**

AWPA Standard A47

25F-P5-A47: Proposal to Reaffirm A47 without Revisions.

Proponent(s): Ryan Sturdivant

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 20 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

Note: The information presented below shows only the proposed revisions for this standard in legislative format and/or any other actions to be taken by the committee, such as creation of a new standard or reaffirmation or withdrawal of an existing standard. To view the rationale and supporting data (if any) for each proposed revision, as well as to submit comments or questions, you must visit the AWPA Standards Development Platform - <https://awpacommenting.edaptivedocs.org> (member login required).

▼ID	Item	Proposed Change	Committee Disposition
1711	AWPA A47 PD20R26	Additional Comment: Reaffirm without Revisions	

**AWPA Technical Committee P-5
Fall 2025 Standardization Cycle**

AWPA Standard A76

25F-P5-A76: Proposal to Withdraw A76 without Prejudice

Proponent(s): Ryan Sturdivant

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 22 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

Note: The information presented below shows only the proposed revisions for this standard in legislative format and/or any other actions to be taken by the committee, such as creation of a new standard or reaffirmation or withdrawal of an existing standard. To view the rationale and supporting data (if any) for each proposed revision, as well as to submit comments or questions, you must visit the AWPA Standards Development Platform - <https://awpacommenting.edaptivedocs.org> (member login required).

▼ ID	Item	Proposed Change	Committee Disposition
1778	AWPA A76 14R20	Withdraw Standard	

AWPA Technical Committee P-5
Fall 2025 Standardization Cycle

AWPA Standard AXX

25F-P5-AXX: Proposal to create new A Standard for: Standard Method for the Determination of DCOI based (EL2) in Preservative-Treated Wood Using Near-Infrared (NIR) Spectroscopy

Proponent(s): Ryan Sturdvant

Committee Meeting Action: Unanimously approved for letter ballot with minor revision as noted in section 7.2

Letter Ballot Results: Passed unanimously as SUBMITTED with 21 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

Note: The information presented below shows only the proposed revisions for this standard in legislative format and/or any other actions to be taken by the committee, such as creation of a new standard or reaffirmation or withdrawal of an existing standard. To view the rationale and supporting data (if any) for each proposed revision, as well as to submit comments or questions, you must visit the AWPA Standards Development Platform - <https://awpacommenting.edaptivedocs.org> (member login required).

▼ID	Item	Proposed Change	Committee Disposition
1777	AWPA AXX-26 SECTION Standard Method for the Determination of DCOI based (EL2) in Preservative-Treated Wood Using Near-Infrared (NIR) Spectroscopy	<p>Standard Method for the Determination of DCOI based (EL2) in Preservative-Treated Wood Using Near-Infrared (NIR) Spectroscopy</p> <p>1. Scope</p> <p>This method outlines a procedure for the quantitative determination of 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one (DCOI) in preservative-treated wood using Near-Infrared (NIR) spectroscopy. The method is applicable to quality control and compliance testing of wood products treated with DCOI-based preservatives.</p> <p>Near-Infrared (NIR) Spectroscopy is a vibrational spectroscopic technique that operates in the wavelength range of approximately 780 to 2500 nanometers. It is based on the absorption of light by molecular overtones and combination bands primarily associated with C-H, O-H, and N-H bonds. These absorptions arise from transitions to higher vibrational energy levels, which are typically weaker and broader than those observed in mid-infrared spectroscopy. The overtone and combination bands in NIR spectra are often complex and overlapping, necessitating the use of multivariate statistical methods such as Principal Component Analysis (PCA) and Partial Least Squares Regression (PLSR) for data interpretation.</p> <p>In wood chemistry, NIR spectroscopy is particularly valuable due to its ability to penetrate the wood matrix and provide information</p>	

on organic constituents. It enables rapid, non-destructive analysis of treated wood, allowing for the quantification of preservative chemicals like DCOI without the need for solvent extraction or chromatographic separation. The technique is sensitive to changes in chemical composition, moisture content, and structural variations, making it a suitable tool for quality control and compliance testing in the wood preservation industry.

2. Significance and Use

This method provides a rapid, non-destructive alternative to traditional chemical analysis. It is suitable for routine analysis where high throughput and minimal sample preparation are desired. The method relies on chemometric models developed from reference samples analyzed by a validated chemical method.

3. Interferences

NIR models are material-based, meaning the material is treated as the matrix in which the constituent of interest is embedded. To ensure the model extracts the net signal from the analyte of interest, the matrix effect must be incorporated into the multivariate modeling process. This allows the model to be trained for accurate prediction of the analyte concentration levels. The key interferences are as follows:

3.1 Unrepresented wood types

- The model does not account for wood types outside its training dataset. Ensure all samples match the species included during model development.

3.2 Moisture Content Variability

- NIR signals are sensitive to moisture. Maintain consistent moisture levels by adhering to the drying procedure outlined in § 8.1.1.

3.3 Particle Size Effects

- Light scattering varies with particle size, directly impacting NIR measurements. Replicate the grinding protocol used during model calibration (§ 8.1.2).

4. Safety and Environmental

Follow all applicable safety guidelines for handling treated wood. Ensure proper ventilation when processing samples.

4.1 Instrument Safety and Handling

Follow all instrument manufacturer instructions for safe operation and all safety guidelines for processing treated wood. While the Buchi handheld NIR analyzer is designed for ease of use and field deployment, as with most handheld devices, a risk of exposure to the source is present. Never look directly into the light source and avoid direct eye exposure.

5. Apparatus

5.1 Sample Preparation Equipment.

5.1.1 Wiley mill or equivalent comminuting equipment, capable of producing a product passing a U.S. Standard 30 mesh sieve.

5.1.2 Sieves. U.S. Standard 30 mesh or equivalent. (30 mesh = 0.6 mm) (20 mesh = 0.85 mm)

5.1.3 Oven. A forced air convection oven or equivalent capable of drying samples to 0% moisture content. Ovens shall be vented to allow evaporating moisture to escape.

5.2 NIR spectrometer A suitable instrument is the Buchi ProxiScout – Portable FT-NIR – operating in a wavelength range: 1350 – 2550 nm or equivalent capable of chemometric analysis. (e.g Buchi Modeler® - Proprietary Python pipeline using Partial Least Squares regression (PLS_r) provided by the supplier

5.2.1 Sample holder for dry and ground solid wood samples

6. Reagents

No chemical reagents are required for NIR analysis.

7. Sample Processing:

7.1 Sample charges in accordance with the provisions of AWPA Standards T1 and either M2 for industrial products or M25 for residential products.

Alternatively, this method may be used for bulk wood samples or larger ground wood samples.

7.2 Drying. Wood samples treated with EL2 shall be dried to achieve 0% moisture content. Drying times may vary depending on the oven, moisture content and number of samples to be dried at a time. Drying times should be established for each oven and its intended use. Recommended drying temperature for **forced-air gravity convection** ovens with wood cores is $80^{\circ}\text{C} \pm 2^{\circ}\text{C}$ for 2 hours prior to grinding.

7.3 Grind the sample to pass a 30 mesh sieve, avoiding contamination.

7.4 Redry the sample for 30 minutes at $80^{\circ}\text{C} \pm 2^{\circ}\text{C}$. Overall drying time should not exceed 3 hours.

7.5 Cool the samples in a dessicator or similar.

Note: It is important to analyze the sample as rapidly as possible after drying. Moisture reintroduction during cooling and processing prior to analysis should be minimized. Sufficient errors are introduced when samples are run at moisture contents above 3-5%.

7.6 Mix or stir the ground sample well for maximum homogeneity. The sample container should be filled to $\frac{1}{3}$ of its capacity (approximately 1.5 g) according to the procedures outlined by the instrument manufacturer. Compression of the ground sample to form a pellet is not required but care must be taken to maintain a sufficient and uniform thickness in both standard and unknown test samples. Significant errors may be introduced when small sample volumes are analyzed.

8. Sample Analysis:

8.1 Instrument Preparation:

8.1.1 NIR Instrumentation should be assembled, installed, stabilized, standardized, and calibrated according to the manufacturer's instructions.

8.1.2 The instrument temperature working range is from 0 to 50 degrees Celsius.

8.1.3 An external white reference tile is provided to calibrate the instrument. It is a critical point to ensure proper performance. The reference tile should be kept clean and dry. If any sign of dirt or discoloration on the surface is noted, please contact the device supplier for replacement.

8.2 Process:

8.2.1 Calibrate the device using a 100% reflective tile. Check the white tile for any dirt or dust. Avoid cleaning it with any solvent.

8.2.2 Fill the specialized sapphire petri-dish sample holder with the ground wood sample to $\frac{1}{3}$ of its capacity (approximately 1.5g). Tap the sample holder on a clean hard surface to settle the sample in uniform layer. Place the weighted metal block on top of the sawdust.

8.2.3 Place the petri dish containing the prepared wood sample in the NIR spectrometer.

8.2.4 Collect the spectrum over the full NIR range (1350 – 2550 nm).

8.2.5 The spectrum is compared against a preloaded calibration model to determine the DCOI concentration.

9. Model development

9.1 Develop a calibration model using reference samples with known DCOI concentrations (official HPLC method).

9.2 Collect NIR spectra of each reference sample under identical conditions.

9.3 Apply multivariate regression (e.g., Partial Least Squares Regression) to correlate spectral data with DCOI content.

9.4 Validate the model using independent test samples and report the coefficient of determination (R^2), standard error of calibration (SEC), and bias.

The calibration model for DCOI Buchi ProxiScout – Portable FT-NIR was developed using 291 samples with concentrations ranging from 0.15 to 0.47 kg/m³ (0.009– 0.029 pcf). The model achieved a determination coefficient (R^2) of 0.85 and a SEC of 0.018 kg/m³ (0.011 pcf). The slope and intercept of the calibration line were 0.94 and 0.029, respectively, with no significant deviation from linearity (slope =1 and intercept = 0) at the 95% confidence level observed.

10. Calculations

The DCOI concentration can be reported directly from the chemometric model in units of kg/m³, pcf or ppm, depending on the user's preferences.

11. Precision and Bias

Precision and bias depend on the quality of the calibration model and the consistency of sample preparation.

11.1. Bias

11.1.1 The model for DCOI in EL2 was evaluated for systematic and proportional bias using a t-test on the residuals. For the calibration set, the bias was 0.0018 kg/m³ (0.0001 pcf) with a standard deviation of 0.025 kg/m³ (0.0015 pcf), and the 95% confidence interval included zero, indicating no significant bias.

11.1.2 The calibration bias was validated with 21 independent samples to confirm the model's accuracy, with a bias of -0.0043 kg/m³ (-0.00026 pcf) and a standard deviation of 0.034 kg/m³ (0.0021 pcf).

11.2 Precision

11.2.1 The following statements and table(s) should be used to judge the acceptability of an analysis using the method and the conditions described below.

11.2.2 **Repeatability:** The repeatability standard deviation from a single operator has been determined for 6 samples (mean retention of 0.32 kg/m³) run in duplicate which provided a standard deviation of 0.017 kg/m³, coefficient of variation (CV) of 5.24%, and repeatability (Sr) of 0.046 kg/m³.

11.2.3 **Reproducibility:** The reproducibility of this test method has not been determined at this time because the method is not widely in use but reproducibility data are expected to be available on or before reaffirmation.

DCOI Concentration (kg/m ³)	Confidence Limits	
	Repeatability (Sr)	Reproducibility (SR)

**AWPA Technical Committee P-6
Fall 2025 Standardization Cycle**

AWPA Standard E12

25F-P6-E12: Proposal to Reaffirm E12 without Revisions.

Proponent(s): Michael Sanders

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 23 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

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▲ID	Item	Proposed Change	Committee Disposition
1728	AWPA E12 PD20R26	Additional Comment: Reaffirm without Revisions	

**AWPA Technical Committee P-9
Fall 2025 Standardization Cycle**

AWPA Standard M27

25F-P9-M27: Proposal to Reaffirm M27 without Revisions.

Proponent(s): Miguel Gutierrez

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 20 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

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▼ID	Item	Proposed Change	Committee Disposition
1709	AWPA M27 PD20R26	Additional Comment: Reaffirm without Revisions	



AWPA Technical Committee T-1
Fall 2025 Standardization Cycle

AWPA Standard U1 Section 3

25F-T1-U1 Section 3: Proposal to Revise U1 Section 3 Table Data

Proponent(s): Jim Anderson

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 11 Yes, 0 No, and 0 Abstain

Executive Committee Final Action:

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▼ ID	Item	Proposed Change					Committee Disposition
		Commodity	Use	Exposure	Use Category	Commodity Specification	
						Section	Special Reqs.
1760	AWPA U1 SECTION 3 PD26 SECTION TABLE 3 1 GUIDE TO COMMODITY SPECIFICATION S FOR TREATED WOOD END USES ARRANGED BY USE [Table Data]2	Furniture	Indoor	Protected, Insect Only	1	A	
			Outdoor	Above Ground, Exterior	3B	A	
			Outdoor	Ground Contact	4A	A	
		Furring Strips	Indoor	Above Ground, Damp	2	A	
			Outdoor	Above Ground	3B	A	
		Gazebo Material	Painted/Coated	Above Ground, Exterior	3A	A	
			Unpainted	Above Ground, Exterior	3B	A	
		Glued Laminated and Mechanically Fastened Timber	Above Ground, Interior	Protected, Insect Only	1	F	
			Above Ground, Interior	Protected, Damp	2	F	

		Above Ground Structural (Painted/Unpainted)	Exterior	3B	F	
		General Structural, Highway Structural Non-Critical	Ground Contact or Fresh Water, Low Decay	4A	F	
		Important Structural, Highway Important Structural or Saltwater Splash	Ground Contact or Fresh Water, High Decay	4B	F	
		Critical Structural or Highway Critical Structural	Ground Contact or Fresh Water, Severe Decay	4C	F	
	Handrails/Guardrails	Highway Construction	Above Ground, Exterior	3B	A	4.3
Joists	Above Ground, Interior	Insect Only	1	A	4.1	
	Above Ground, Interior	Above Ground, Damp	2	A	4.1	
	Building Construction ¹	Above Ground, Exterior	3B, 4A	A		
	Building Construction Joists and beams extending beyond the building envelope	Ground Contact/Fresh Water Above Ground, Exterior	4A	A		
<u>Laminated Strand Lumber (LSL)</u>	<u>Building Construction,</u>	<u>Insect Only</u>	<u>1</u>	<u>I</u>		
	<u>Above Ground, Interior</u>					
	<u>Building Construction,</u>	<u>Damp</u>	<u>2</u>	<u>I</u>		
	<u>Above Ground, Interior</u>					
	<u>Building Construction,</u>	<u>Protected Above Ground, Protected Exterior</u>	<u>3A</u>	<u>I</u>		
<u>Laminated Veneer Lumber (LVL)</u>	Laminated Veneer Lumber (LVL)	See Composite Lumber				
	Landscape Ties	General	Ground Contact or Fresh Water	4A	A	
	Lattice	Painted/Unpainted	Above Ground, Exterior	3B	A	
	Lumber/Timbers	Above Ground, Interior	Insect Only	1	A	4.1
		Above Ground, Interior	Wood Exposed to Dampness	2	A	4.1
		Above Ground, Exterior, Coated/Painted	All Applications	3A		
		Above Ground, Exterior Joists and Beams ¹	Above Ground, Exterior	3B, 4A	A	
		General, Including Agriculture/Farms	Above Ground,	3B	A	

		Exterior, Uncoated			
	Docks, freshwater, joists and beams ¹	Above Ground, Exterior	A		
	Food Harvest and Storage	Above Ground, Exterior	A		
	Roof Decking,	Above Ground, Exterior	A	4.1	
	Flooring/Subflooring				
	Food Contact	Above Ground, Exterior	A		
	General, Including Retaining Walls, Edging, Agri- /Mariculture, Boats, Furniture, Gazebos, Compost/Plant/Mushroom Boxes, Flumes	Ground Contact or Fresh Water	4A	A	
	Fire Escapes, Exterior Exposed	Above Ground and Ground Contact	A		
	Wet Industrial Processing Areas	Above Ground and Ground Contact	A		
	Docks, freshwater, joists and beams ¹	Above Ground or Fresh Water	A		
	Cooling Towers	Fresh Water Contact	A	4.4	
	Joists and beams extending beyond the building envelope	Above Ground, Exterior	A		
	Brine Storage, Highway Construction Materials	Ground Contact or Fresh Water	B	4.1	
	Playground Equipment	Ground Contact or Fresh Water	B	4.3	



**AWPA Technical Committee T-2
Fall 2025 Standardization Cycle**

AWPA Standard U1 Comm Spec A

25F-T2-U1 Comm Spec A: Proposal to Revise U1A Section 3 with Revisions to Table Data.

Proponent(s): Craig McIntyre

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 37 Yes, 0 No, and 3 Abstain

Executive Committee Final Action:

Note: The information presented below shows only the proposed revisions for this standard in legislative format and/or any other actions to be taken by the committee, such as creation of a new standard or reaffirmation or withdrawal of an existing standard. To view the rationale and supporting data (if any) for each proposed revision, as well as to submit comments or questions, you must visit the AWPA Standards Development Platform - <https://awpacommencing.edaptivedocs.org> (member login required).

▲ID	Item	Proposed Change					Committee Disposition	
		Pines						
1736	AWPA U1 COMM SPEC A PD26 SECTION 3.0 [Table Data – UC1]	kg/m³ (SI units)	Southern	Mixed Southern	Ponderosa	Scots Pine-Ger	Jack	
		Preservative	Radiata, Patula	Caribbean	Red	Scots Pine-Swe	Lodgepole	
		ACQ-A ^(b)	2.4		2.4	2.4	2.4	
		ACQ-B ^(b)	4.0		4.0	#	#	
		ACQ-C ^(b)	4.0		4.0	#	4.0	
		ACQ-D ^(b)	2.4		2.4	2.4	2.4	
		ACZA ^(b)	4.0		4.0	#	4.0	
		CA-B ^(b)	1.7		1.7	1.7	#	
		CA-C ^(b)	1.0		1.0	1.0	#1.0	
		Cu8	0.32		0.32	#	#	
		CuN-W ^(b)	1.12		1.12	1.12	1.12	
		EL2 ^(b) (+MCS at 3.2 kg/m ³)	0.30		0.30	#	#	
		KDS ^(b)	3.0		3.0	3.0	#	
		MCA ^(b)	1.0		1.0	1.0	#	
		MCA-C ^(b)	0.8		#	#	#	
		MCAP ^(b)	1.0		1.0	1.0	#	
		PTI ^(b)	0.21		0.21	#	#	
		SBX	Non-Formosan	2.7	2.7	#	2.7	
			Formosan ^(b)	4.5	4.5	#	4.5	

		<5" ≥5"						
		CR (as solution)	128	128	#	128		
		CR-S (as solution)	128	128	#	128		
		CR-PS (as solution)	128	128	#	128		
		CuN (as Cu metal) ^(b)	0.64	0.64	#	#		
		PCP-A	6.4	6.4	#	6.4		
		PCP-C	6.4	6.4	#	6.4		
1737	AWPA U1 COMM SPEC A PD26 SECTION 3.0 [Table Data – UC1]	pcf (US Customary units)	Southern Mixed Southern Radiata, Patula Caribbean	Pines Ponderosa Red Eastern White	Scots Pine-Ger Scots Pine-Swe	Jack Lodgepole		
		ACQ-A ^(b)	0.15	0.15	0.15	0.15		
		ACQ-B ^(b)	0.25	0.25	#	#		
		ACQ-C ^(b)	0.25	0.25	#	0.25		
		ACQ-D ^(b)	0.15	0.15	0.15	0.15		
		ACZA ^(b)	0.25	0.25	#	0.25		
		CA-B ^(b)	0.10	0.10	0.10	#		
		CA-C ^(b)	0.060	0.060	0.060	<u>#0.060</u>		
		Cu8	0.020	0.020	#	#		
		CuN-W ^(b)	0.070	0.070	0.070	0.070		
		EL2 ^(b) (+MCS at 0.20 pcf)	0.019	0.019	#	#		
		KDS ^(b)	0.19	0.19	0.19	#		
		MCA ^(b)	0.060	0.060	0.060	#		
		MCA-C ^(b)	0.050	#	#	#		
		MCAP ^(b)	0.060	0.060	0.060	#		
		PTI ^(b)	0.013	0.013	#	#		
		SBX	Non-Formosan	0.17	0.17	#	0.17	
			Formosan ^(b)	0.28	0.28	#	0.28	
		<5" ≥5"						
		CR (as solution)	8.0	8.0	#	8.0		
		CR-S (as solution)	8.0	8.0	#	8.0		
		CR-PS (as solution)	8.0	8.0	#	8.0		
		CuN (as Cu metal) ^(b)	0.040	0.040	#	#		
		PCP-A	0.40	0.40	#	0.40		
		PCP-C	0.40	0.40	#	0.40		
1738	AWPA U1 COMM SPEC A PD26 SECTION 3.0 [Table Data – UC2]	kg/m ³ (SI units)	Southern Mixed Southern Radiata, Patula Caribbean	Pines Ponderosa Red Eastern White	Scots Pine-Ger Scots Pine-Swe	Jack Lodgepole		
		ACQ-A ^(b)	2.4	2.4	2.4	2.4		
		ACQ-B ^(b)	4.0	4.0	#	#		

			Formosan ^(b)	0.28	0.28	#	0.28																																																																																																																																																																										
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<td></td></tr> <tr> <td>DCOI-C</td> <td style="text-align: center;">2.1</td> <td style="text-align: center;">#</td> <td style="text-align: center;">#</td> <td style="text-align: center;">#</td> <td></td></tr> <tr> <td>PCP-A</td> <td style="text-align: center;">6.4</td> <td style="text-align: center;">6.4</td> <td style="text-align: center;">#</td> <td style="text-align: center;">6.4</td> <td></td></tr> <tr> <td>PCP-C</td> <td style="text-align: center;">6.4</td> <td style="text-align: center;">6.4</td> <td style="text-align: center;">#</td> <td style="text-align: center;">6.4</td> <td></td></tr> <tr> <td>ACQ-A^(b)</td> <td style="text-align: center;">2.4</td> <td style="text-align: center;">2.4</td> <td style="text-align: center;">2.4</td> <td style="text-align: center;">2.4</td> <td></td></tr> <tr> <td>ACQ-B^(b)</td> <td style="text-align: center;">4.0</td> <td style="text-align: center;">4.0</td> <td style="text-align: center;">#</td> <td style="text-align: center;">#</td> 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center;">#1.0</td> <td></td></tr> <tr> <td>CuN-W^(b)</td> <td style="text-align: center;">1.12</td> <td style="text-align: center;">1.12</td> <td style="text-align: center;">1.12</td> <td style="text-align: center;">1.12</td> <td></td></tr> <tr> <td>EL2^(b) (+MCS at 3.2 kg/m³)</td> <td style="text-align: center;">0.30</td> <td style="text-align: center;">0.30</td> <td style="text-align: center;">#</td> <td style="text-align: center;">#</td> <td></td></tr> <tr> <td>KDS^(b)</td> <td style="text-align: center;">3.0</td> <td style="text-align: center;">3.0</td> <td style="text-align: center;">3.0</td> <td style="text-align: center;">#</td> <td></td></tr> <tr> <td>MCA^(b)</td> <td style="text-align: center;">1.0</td> <td style="text-align: center;">1.0</td> <td style="text-align: center;">1.0</td> <td style="text-align: center;">#</td> <td></td></tr> <tr> <td>MCA-C^(b)</td> <td style="text-align: center;">0.8</td> <td style="text-align: center;">#</td> <td style="text-align: center;">#</td> 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^(b)	0.64	0.64	#	#		DCOI-C	2.1	#	#	#		PCP-A	6.4	6.4	#	6.4		PCP-C	6.4	6.4	#	6.4		ACQ-A ^(b)	2.4	2.4	2.4	2.4		ACQ-B ^(b)	4.0	4.0	#	#		ACQ-C ^(b)	4.0	4.0	#	4.0		ACQ-D ^(b)	2.4	2.4	2.4	2.4		ACZA ^(b)	4.0	4.0	#	4.0		CA-B ^(b)	1.7	1.7	1.7	#		CA-C ^(b)	1.0	1.0	1.0	#1.0		CuN-W ^(b)	1.12	1.12	1.12	1.12		EL2 ^(b) (+MCS at 3.2 kg/m ³)	0.30	0.30	#	#		KDS ^(b)	3.0	3.0	3.0	#		MCA ^(b)	1.0	1.0	1.0	#		MCA-C ^(b)	0.8	#	#	#		MCAP ^(b)	1.0	1.0	1.0	#		PTI ^(b)	0.21	0.21	#	#		
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Attachment(s): *AWPA Proposal to List CA-C-Lodgepole Pine in U1-CSA.pdf*



**AWPA Technical Committee T-7
Fall 2025 Standardization Cycle**

AWPA Standard M4

25F-T7-M4: Proposal to Revise M4 Section 6.2

Proponent(s): Paula Oren

Committee Meeting Action: Unanimously approved for letter ballot as submitted

Letter Ballot Results: Passed unanimously as SUBMITTED with 25 Yes, 0 No, and 1 Abstain

Executive Committee Final Action:

Note: The information presented below shows only the proposed revisions for this standard in legislative format and/or any other actions to be taken by the committee, such as creation of a new standard or reaffirmation or withdrawal of an existing standard. To view the rationale and supporting data (if any) for each proposed revision, as well as to submit comments or questions, you must visit the AWPA Standards Development Platform - <https://awpacommenting.edaptivedocs.org> (member login required).

▼ ID	Item	Proposed Change	Committee Disposition
+757	AWPA M4 PD26 SECTION 5.3	<u>5.4 Composite Wood Products. Field treatment for treated engineered wood products is not required within this Standard.</u>	[Not Accepted] Reason: Withdrawn by proponent.
1761	AWPA M4 PD26 SECTION 6.2	6.2 Copper naphthenate. Copper naphthenate preservatives containing a minimum of 2.0% copper metal are recommended for material originally treated with <u>any currently approved oilborne preservatives copper naphthenate, pentachlorophenol, creosote, creosote solution</u> or waterborne preservatives. Use of copper naphthenate preservatives with a minimum of 1.0% copper metal is appropriate in those regions of the country where the higher concentration material is not readily available.	



**AWPA Technical Committee T-7
Fall 2025 Standardization Cycle**

AWPA Standard M25

25F-T7-M25: Proposals to Revise M25

Proponent(s): Donnie Parker, Kim Merritt

Committee Meeting Action: 1727: Unanimously authorized for letter ballot

1759: Authorized for letter ballot with all in favor except 4

Letter Ballot Results: Recirculation ballot required with 24 Yes, 2 No and 1 Abstain after negative resolution process.

Recirculation Ballot Results: Ballot PASSED with following votes: 24 Yes, 2 No and 1 Abstain. The submitters of the negative votes were notified of the appeals process closing on December 9, 2025

Executive Committee Final Action:

Note: The information presented below shows only the proposed revisions for this standard in legislative format and/or any other actions to be taken by the committee, such as creation of a new standard or reaffirmation or withdrawal of an existing standard. To view the rationale and supporting data (if any) for each proposed revision, as well as to submit comments or questions, you must visit the AWPA Standards Development Platform - <https://awpacommenting.edaptivedocs.org> (member login required).

▼ID	Proposed Change	Committee Disposition
1727	6.3.1.4 Sapwood species – Additional cores. For sapwood species (see 6.4.1.1) cores with heartwood present in the assay zone shall be replaced with additional core(s) for retention determination. However, all original cores including those with heartwood in the assay zone must be evaluated for penetration and if non-conforming shall be counted as a penetration failure even though they will not be used for retention determination (see 6.4.1.5).	
1759	3.1 Purchasing. Products shall be purchased that are suitable for the intended end use. They shall bear the grade mark of an accredited agency. Agencies shall be accredited by ALSC or accredited as an ISO Standard 17020 Inspection Body by IAS or other suitable organization. The accredited agency grade mark shall verify quality and species (or defined species group). <u>If a defined species group includes both approved and non-approved treatable species, the approved treatable species shall be verified by certificate or other means.</u> Products may also have no grade mark and the species shall be verified by certificate or other means. Proprietary or mill grade stamps that do not include an accredited inspection agency logo are not permitted to bear any reference to AWPA treatment standards.	