

MINUTES
TECHNICAL COMMITTEE
April 6th, 2009
Victoria, British Columbia

Daryl Anderson Cliff Baker Nigel Banks Wayne Bergman Brad Burmeister Mary-Anne Dalkowski Paul Dandy Tom Fitzgerald Paul Foster Roger Fox Craig Frohlich Martin Gauvin Stephane Gauvin	Danny Goodine Dave Haley Dave Harris Peter Hattin Andrew Hobbs Ian Jones Rick Knechtel Ted Ladoux Peter Mason Ian MacDonald Mike McCollough Larry McTaggart Jim Mogan	Paul Morris Tom Moryto Dave Phipps Howard Pruden Maureen Prendiville Jason Quantz Mike Richards Rod Stirling David Tearoe John Wilkinson Craig Wilson Andy Vogt
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STAFF:

Henry Walthert
Robert Lloyd

COMMITTEE MEMBERS:

Mr. Nigel Banks (Chairperson)
Mr. Friedl Brudermann
Mr. Brian Delbrueck
Mr. Tom Mitchell
Mr. Jim Mogan
Dr. Paul Morris
Mr. Mike Richards
Mr. Craig Wilson

1. CALL TO ORDER

Chairman N. Banks called the meeting to order.

2. ADOPTION OF AGENDA

Amended the agenda with the addition of:

Increase in Treating from 150 to 180 PSI

Motion by C. Wilson to adopt the amended agenda.

Seconded by C. Frohlich
CARRIED

3. MINUTES OF THE PREVIOUS MEETING

Motion by M. Richards to adopt the minutes of the previous meeting held October 27th 2008.

Seconded by C. Frohlich
CARRIED

4. STABILIZATION ISSUES TASK FORCE

C. Wilson gave an update on what is happening with the stabilization task force.

5. NATIONAL BUILDING CODE OF CANADA 2010

Discussed the new National Building Code of Canada; the new code is likely to be released in late 2010. Adoption by provinces expected within 3-6 months afterwards. Building inspectors likely to begin enforcing code requirements for 2005 code, now that CLSAB program is in place. CWC has informed some provinces and will complete by the middle of summer.

6. INDUSTRY SURVEY

H. Walthert discussed the Canadian treating plant industry survey and how it has temporarily been stalled due to lack of treating plant data.

WPC to contact Louisiana State University to determine their willingness to continue with the survey. Members will be surveyed to recruit more participants.

7. INCREASE IN TREATING FROM 150 TO 180 PSI

Motion by M. Richards to “Recommend to the WPC Board that consideration be given to the completion of a study investigating the increase of standard pressures from 150 to 180 PSI.”

Seconded by D. Goodine.
CARRIED

P. Morris agreed to review data developed by J. Morrell on hem-fir and R. Fox on red pine.

8. COMMENTS FROM MEMBERS

There were no comments or questions

9. ADJOURNMENT

Motion by C. Wilson to adjourn the meeting.

Seconded by C. Frohlich

CARRIED

CSA A366-08XX

STANDARD METHOD FOR MEASURING STABILIZATION OF INORGANIC COPPER FROM TREATED WOOD

1.0 SCOPE

1.1 The method provides a procedure to determine the stabilization of inorganic copper from the corresponding treated wood at the treating plant.

1.2 In its present form, the method has been developed for ACQ (Types C and D), CBA-A, CA-B, treated wood (wood species Southern pine, Hem-fir and Douglas-fir but can be adapted to other wood species).

2.0 SUMMARY OF METHODS

2.1 After a suitable post treatment time, typically following the guidelines developed for the preservative / retention /temperature, cores are removed from the charge and extracted with water.

2.2 The amount of inorganic copper (II) is measured in the leachate by a method capable of determining 1 to 10 ppm. Assuming the copper in the leachate does not exceed the appropriate low level of copper, the charge is considered to be adequately “stabilized” and potential preservative losses to be minimized.

3.0 APPARATUS

3.1 A standard 0.2 inch (5 mm) ID increment borer.

3.2 A 50-ml disposable, plastic, graduated centrifuge tube. These inexpensive tubes can be purchased from a variety of scientific product vendors, e.g. VWR Scientific Products or Fisher Scientific.

3.3 Tweezers to remove the cores from the leachate at the designated time.

3.4 A clean, dry 20-ml syringe.

3.5 A suitable colorimetric chemical kit for copper (II) with spectrophotometer, available from spot test vendors, e.g. Hach.

4.0 REAGENTS

4.1 Distilled water.

4.2 Reagents/chemicals, which are used in the methods for copper (II).

5.0 SAMPLING

5.1 Treated wood is sampled according to AWPA Standard M2, Section 4.2. The cores are removed with a cool (ambient temperatures), distilled water-rinsed increment borer. Five (5) cores are taken per charge and the outer 0.2-inch (5-mm) is retained for testing. All borings must be fully penetrated therefore it is recommended that the borings be taken from sapwood faces only. Samples should not be allowed to dry but immediately tested as described shown below:

6.0 PROCEDURE

6.1 Place the cores immediately into the 50 ml centrifuge tube, containing 25 ml of distilled water, secure lid and allow to stand at room temperature, without agitation, for 4 hours.

6.2 After the 4-hour leach period, remove the leached cores with tweezers that have been rinsed with distilled water.

6.3 A volume, commensurate with the particular test methodology used, of the leachate sample is withdrawn from the centrifuge tube and analyzed, according to the procedures supplied by the vendor of the spot test, for copper (II) for ACQ (Types C and D), CBA-A.