

Summer 2015

Volume 1, Issue 2



Upcoming Events:

September 30, 2015
Membership Committee Meeting
Conference Committee Meeting

October 1, 2015
RICOWI Fall Seminar -
Topic: Moisture Control
HIP Learning Circle
WIP Learning Circle
Oak Ridge National Laboratory Tour
Evening Dinner Event

October 2, 2015
Board Meeting
Code Committee Learning Circle
Underlayment Committee Learning Circle
Moisture Control / Green Learning Circle
Best Practice Committee Meeting
General Membership Meeting

Help Us Name RICOWI's Newsletter

Welcome to the second issue of RICOWI's newsletter. As you can see, we do not have an official name as of yet. Please help us name the newsletter!

Suggestions can be sent through email to: jcook@ricowi.com.

Deadline is September 1, 2015. Winning name will be announced at the fall conference in Oak Ridge, Tennessee.

Letter from the Chair

Welcome to warmer weather! We had a great turnout at our San Antonio 2015 Spring Conference with many business colleagues reconnecting and learning more about current roofing industry trends. Many of you submitted positive comments to Joan about our Spring Conference; the time you took to answer survey questions is greatly appreciated.

It's my pleasure to offer congratulations to newly elected Affiliate Member Representatives



to RICOWI Inc.'s Board of Directors: **Jim Walas**, **Revere Copper Products** and **Bill Morgan**, **Malarkey Roofing Products**. Congratulations are also due to **David Balistreri**, **RCI, Inc.** who was elected as Director at Large. Our new

Board Members

Lynne Christensen
Chair

Mike Ennis
Past Chair

Rick Olson
Vice Chair

Dave Balisteri
Director At Large

Roger Morrison
Secretary / Treasurer

Bas Baskaran
Tanya Brown
Mike Fischer
Jay Johnson
Scott Kriner
Andy Williams
Joan Cook (non-voting)
Bill Morgan
Jim Walas

Lifetime Honorary Members

Andre Desjarlais
Oak Ridge National
Laboratory

Dave Roodvoets
DLR Consulting

Patty Wood-Shields
Wood-Shields Roof
Consultants

Letter from the Chair cont'd...

Conference Committee Chair is **Dale McLean of Revere Copper Products**. Thank you to everyone for your willingness to serve and on behalf of the Board of Directors, welcome to your new positions!

We're already in high gear planning for our Fall Conference at Oak Ridge National Laboratory where we'll enjoy a tour of four different research stations. Dates are set: October 1-2, 2015, so mark your calendars and plan to attend. A member social event is also being planned and details will be sent out over the next few weeks. Just a brief reminder that we are still looking for sponsors to help reach our budget goal for 2015. Also up for grabs are two exclusive member sponsor spots in our revamped e-newsletter; these go for \$500 USD each to cover the next two issues.

On a bittersweet note, we wish **Jordan Lemke** our very best wishes as she moves onto her next adventures. We're proud to report that she has just graduated college and is now in Hawaii for her Nordstrom's internship. Sincere thanks to Jordan from all of us at RICOWI, Inc. for her delightful presence at our

registration desk – we appreciate her diligence, kindness and organizational abilities (never fear, work is afoot to coax her back to a later event on our roster!)

We hope winter is now a distant memory and you are looking forward to special times with family and friends this summer. Just remember the sunscreen!

Best wishes and see you in Tennessee!

Can You Believe?

Have you seen something funny or strange in your travels? Would you like to share it with your colleagues? Please email photos and / or comments to jcook@ricowi.com for consideration in a future publication.

Interview with Jordan Lemke

I am known by RICOWI members as Joan's granddaughter, or "the girl behind the registration desk". In 2012 I came to my first RICOWI spring seminar in Dallas not knowing what to expect, I just wanted to travel a little and spend some time with my grandma. Then in October I found myself on a plane en route to a seminar about weather, then again in the spring. Surprisingly enough it was not the seminar topics that kept me coming back, it was the people I met and the relationships I formed. RICOWI gave me the opportunity to network in an industry that I never imagined myself being a part of. RICOWI seminars were my unique chance for me to develop my interpersonal skills with executives and business men and women from all over the world.

This May I graduated from Ohio University with a degree in Retail Merchandising Fashion Product Development and a minor in Communication. This June I am using my skills in Hawaii's capital city of Honolulu where I am interning at a Nordstrom department store. The support and excitement I received from RICOWI members this spring while I was waiting to hear back about the position was overwhelmingly positive, and for that I am so grateful. Unfortunately I can

make no promises about my location in the fall but if the opportunity presents itself for me to come to Oak Ridge, then without a doubt I will be there.

To keep in contact, which I hope many do, I am on LinkedIn or email anytime at jlemke2015@yahoo.com.



Jordan Lemke, 2015 Graduation

Sponsor Reports

Metal Construction Association

Scott Kriner
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- ✓ RICOWI/IBHS Best Practice: a draft has been submitted for steep slope metal roofing (light commercial and residential)
- ✓ Developed a final draft of an Edge Metal Test Method standard developed. Testing for validation is being scheduled at multiple testing facilities
- ✓ An update on MCA's Fastener Selection Technical Bulletin – for metal roof and wall panels - is being completed.
- ✓ Working with SPFA and MBMA on research for the effect of spray insulation on metal roof and wall panels
- ✓ Serving on Advisory board for FL Building Commission research project on effect of spray insulation in sealed attics on wood or OSB deck.
- ✓ Updating the MCA Commercial Roofing Guide Specification
- ✓ Nearing completion of EPD comparative study with steep and low slope metal roofing systems
- ✓ Progressing on research at University of Florida on Discontinuous Metal Roofing systems – evaluating failure mechanisms and developing a more realistic testing procedure to predict performance

- ✓ Working with MBMA on Standing Seam Roofing wind uplift test at IBHS taking place within the next month

Cedar Shake & Shingle Bureau

Lynne Christensen
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- ✓ 100th Anniversary History book now published – getting great reviews from readers. Vintage ads and mill photos are quite popular
- ✓ ICC Code change submitted, focusing on underlayment (do not put non-permeable membranes across entire roof deck; follow code-mandated ASTM designations for underlayment's used with cedar roofing materials)
- ✓ Published second issue of revamped print Certi-Scene™ newsletter – is increasing member engagement
- ✓ Packing contest (shake and shingle bundles) recently announced, honoring a 100 year old tradition. To be held at the 100th anniversary event in Whistle, BC in September 2015
- ✓ Continue to be heavily involved with RICOWI and Cool Roof Rating Council
- ✓ Busy show season – noted attendance up at many trade shows
- ✓ District Managers are very active with technical questions and field visits
- ✓ Sidewall Manual being revamped to

Sponsor Reports cont'd...

show increased spacing for yellow cedar sidewall applications

- ✓ Looking forward to our 100th Anniversary Networking Gala event in Whistler, BC in September 2015.

SPRI Report

Mike Ennis
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SPRI Activities

Standards - SPRI is in the process of updating the following standards based on comments received at the last round of building code hearings. The intent will be to re-submit these standards for inclusion in the International Building Code (IBC).

ANSI/SPRI WD-1 Wind Design Standard Practice for Roofing Assemblies - reapproved November 17, 2014. The standard was revised to remove design considerations and wind load calculations that can be found in ASCE-7. Contains methods for extrapolating wind load test results to meet the enhanced requirements of the perimeter and corner.

ANSI/SPRI RP-14 Wind Design Standard for Vegetative Roof Systems. The standard will be revised to require an adhered assembly meeting the wind load requirements of the IBC, instead of

using the vegetative roofing for ballast. The objective of the standard will be to keep the vegetation in place. Currently out for canvass.

A new standard is being developed that focuses on design considerations and wind load calculations.

Other Standards - SPRI has contracted with PE International to develop industry LCA's and EPD's for TPO, PVC, and EPDM membranes. We have also contracted with ULE to provide 3rd party verification and registration services for these documents. Expected completion date is September 2015.

Codes

No code change proposals for this code change period. We will submit proposals for the 2016 cycle (IBC Structural)

Industry Issues

SPRI continues work to validate the revisions Factory Mutual made to their Approval Standard FM4470 for Single-Ply, Polymer-Modified Bitumen Sheet, Built-Up Roof (BUR) and Liquid Applied Roof Assemblies for use in Class 1 and Noncombustible Roof Deck Construction. The issue of concern is that they revised the standard in their opinion to prevent overstressing of the steel roof deck.

Sponsor Reports cont'd...

SPRI is developing a database to store and allow easy retrieval of roof system test data that verifies compliance with the requirements of Chapter 15 of the International Building Code. Wind uplift test data will be included first, followed by fire test data, then the remaining Chapter 15 requirements.

The National Building Code of Canada now requires the use of CSA 123.21, commonly referred to the dynamic wind uplift test for measuring the wind uplift resistance of low slope roof assemblies.

Research

SPRI is participating in a research program at the NRCC to determine the impact of air movement on energy loss and moisture migration in roofing systems. Other participants include the NRCA and the CRCA. The objective is to develop a test procedure, and prescriptive construction details that can be used to demonstrate compliance with the air barrier requirements of the International Energy Conservation Code.

IBHS

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- ✓ IBHS presented several papers at the International Conference on Wind Engineering in Porto Alegre, Brazil, which took place June 21 - June 26.
- ✓ IBHS' fourth annual hail field research program will be wrapping up soon. During this year, the team successfully deployed hail impact disdrometers in the path of hailstorms to collect data on the time history of hail strikes and their kinetic energies at impact. The team also added to the database of hailstone measurements, which now includes data from over 2800 hailstones.
- ✓ IBHS staff are continuing research on the wind and impact performance of asphalt shingles.
- ✓ IBHS has recently started full-scale wind response testing of roof-mounted photo voltaic panel arrays. This project will be ongoing for several months.

Industry News

If you have any industry or company news you would like to include in future newsletters, please send them to jcook@ricowi.com

Committee Reports

Membership Committee

Lynne Lawry

A small turnout of five RICOWI members at the Spring 2015 Membership Committee meeting did not preempt an enthusiastic brainstorming session revolving around our new newsletter and the ability to use this newsletter to create awareness with existing members, new members and the roofing community. The Membership Committee recommends the frequency of the newsletter be quarterly, with the focus for the two issues that will precede meetings as a focus on attracting attendance to meetings and the two other quarterly newsletters focusing on a recap of all the exciting knowledge shared and fun had (by all) at the previous RICOWI meeting.

Enthralling banter ensued regarding the ability for members to sponsor the newsletter (and discussion of later expansion to non-members in 2016). It is the recommendation of the committee meeting attendees, to offer RICOWI members the ability to sponsor a newsletter, with a maximum of two

sponsors per newsletter, at the cost of \$500 per sponsor/per newsletter with reassessment at the end of 2015 based on success.

Best Practice

Tanya Brown

At the spring Best Practices Committee meeting, members discussed ongoing work and revisions for the “survey practices consideration” section. Comments and edits were collected, and a revised version has since been sent out for further review and discussion. This is the next section of the guides that will be finalized. The introduction and disclaimer has already been finalized. Although not discussed in detail, committee chair Dr. Tanya Brown passed out a draft of the next section the full committee will be working on - the codes and standards chapter. The meeting finished with each industry providing an update on the status of their industry-specific content. It was decided that quarterly conference calls or webinars should be conducted to keep the project moving forward, and the first of those meetings occurred July 30, 2015.

Moisture Committee

Jon Belnap

As roof failures related to moisture continue to surface, the Moisture Committee discussed moisture problems related to concrete decks, specifically

Committee Reports cont'd...

structural lightweight concrete decks.

The committee discussed the transmission of moisture from concrete roof decks into roofing systems including thermal insulation and cover boards and the resulting effects. The discussion included cause, effect and potential solutions. Several industry authorities and sources were discussed. The committee discussed the topic as a potential white paper.

Help Us Make a Difference!

Join your colleagues to help RICOWI make a difference in the roofing industry by sponsoring the spring and fall events. Forms are available online at

<http://www.ricowi.com>

Or you can contact Executive Director Joan Cook for more information:

jcook@ricowi.com

330-671-4569

And remember you can help us also make a difference by encouraging colleagues to join RICOWI.

Memberships are available for the following categories:

Sponsor

Industry associations whose members have an interest in the roofing industry by virtue of the manufacture, design, installation or insuring of roofs and roofing-related products or the performance of consulting and other professional services in connection with roofs and roofing related products.

Affiliate

Any person, or individual representative of a firm, institute, corporation or other entity that has an interest in roofs and roofing-related products.

Education

Any person, or individual representative of a college or university or other academic organization that has an interest in roofs or roof related products.

Sponsorship

If you are interested in sponsoring future newsletters (more information regarding sponsorship can be found in the membership committee report), please contact Joan Cook at jcook@ricowi.com. If you so choose to sponsor a newsletter your company/organization's logo will be featured with the option of also including company/organization news.

Fall Seminar Information

Registration for the fall seminar in Oak Ridge, Tennessee and committee meetings is now online. Attendees will have the opportunity to tour Oak Ridge National Labs! Join us as we observe four different areas of the Lab: Reactor; Supercomputer; and two Experimental Building Sciences. Of course, we will also have a fun social event planned! See you there!

New Members

We are excited to introduce the latest members to the RICOWI family:

Brian Davis - GAF

Doug Thagard – Fontana

Brad VanDam – Metal ERA

Thank you

A special thank you to [Lakeside Construction Fasteners](#) for their assistance with the formatting of the newsletter!

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