

# CRCA TODAY

WINTER 2019

The Magazine  
of Roofing and  
Waterproofing  
in Illinois  
and Beyond

36th Annual CRCA Trade Show & Seminars  
Winter Maintenance—Cranes  
Importance of Construction Documents



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# CRCA TODAY

WINTER 2019

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## FEATURES

36th Annual Trade Show & Seminars  
"Roofing Week in Chicago—Connect the Dots!" ..... 5

Checking It Once, Checking It Twice . . . Another  
Reason to Ensure OSHA 300 Logs Are Accurate ..... 6

The Importance of Construction Documents..... 9

Steep Slope Focus—Keeping Homeowners  
Informed on Winter Roofing Threats..... 10

Roof Talk..... 13

Winter Maintenance—Articulating Cranes  
and Boom Trucks ..... 14

Plan, Equip & Train—Working in Winter Weather.... 21

Industry News ..... 23

Code Corner ..... 29

CRCA Contractor Members..... 31

CRCA Associate Members..... 33

Industry Calendar ..... 35



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# 36th Annual Trade Show & Seminars

## “Roofing Week in Chicago—Connect the Dots!”

By Troy Wormley

As the Chicago Roofing Contractors Association 2019 President, I invite you to attend and participate in the CRCA Welcome Reception, Trade Show and Seminars, January 16-18, 2019.

The CRCA Trade Show Committee’s goal is to offer educational resources for attendees to develop top level practices which will ultimately provide building owners and managers the best roofing, waterproofing, insulation and/or air barrier that can be found.

As CRCA Attendees and Exhibitors will tell you, our show continues to deliver quality education and showcases the best in Roofing and Waterproofing Exhibitors. Best of all, CRCA’s Exhibit Hall and Seminars are FREE Thursday afternoon and Friday.

CRCA continues to provide a professional learning environment for all Roofing / Waterproofing Contractors, Consultants, Manufacturers, Architects, Specifiers, Building Owners / Managers and Building Code Officials. The CRCA Trade Show & Seminars are designed for attendees to grow their knowledge in technology, safety practices, products and services. As president, I invite you to be active in our industry by joining CRCA as a member and volunteering for a CRCA Committee.

Our 2019 theme, “Roofing Week in Chicago—Connect the Dots”, sets the tone for the CRCA’s Educational Sessions. Our first session begins Wednesday afternoon with *Chicagoland Women in Roofing Roundtables* and *Emerging Leader Mentoring Forum*, followed by our *Industry Welcome Reception* later that evening. Additional Educational Sessions Thursday and Friday include programming and exhibits geared for those who install Steep and Low Slope Roofing, those that specify it, those that regulate, those that manage, and more.

Thursday’s CRCA Roofing Industry Breakfast will give attendees a sample of the full range of all programming, with the seminars beginning Thursday afternoon and continuing Friday. Learn about Workforce Development and Recruitment, Roof Replacement Design and Liability, Safety Practices, Roofing Over Concrete Decks, and Roofing Technical Issues.

*\*New this year!—Programming geared for Steep Slope Roofing Contractors and the Design / Code Attendees: Cedar Shake Design, Installation and Maintenance as well as Common Solutions for Steep Slope Roofing Problems.*

CRCA’s Trade Show & Seminars continue to build its national reputation for cutting edge programming through the hard work of our Trade Show Committee: Rod Petrick & Greg Dedic (Co-Chairs) and Matt Adler, Jeanne Beyer, Dave Good, Greg Johnson, Jason Peterson, Ryan Petrick, Ross Ridder, Tony Roque, and Matt Wehrle. On behalf of CRCA’s Trade Show Committee and our Board of Directors, we want to thank our dedicated Exhibitors and Sponsors. Because of your time, efforts, and dedication, our annual trade show continues to be a monumental success!

**Register online today at [www.CRCA.org](http://www.CRCA.org). See you in January!**



Troy Wormley, W.B.R. Roofing Company, Inc.  
2019 CRCA President

# Checking It Once, Checking It Twice . . . Another Reason to Ensure OSHA 300 Logs Are Accurate

By Frank Marino, CSP



Frank Marino, CSP

**A**ccurately maintaining your OSHA 300 log is a vital component to an effective health & safety program. Keeping track of the injuries that occur at your company is a great way to determine where additional training might be needed, or new equipment required,

or even as an indication of how your overall program is performing. In addition, the OSHA 300 logs are documents that are typically requested during an OSHA inspection. Fail to have the logs completed, and you could be opening yourself to additional citations and fines. But now I've got another reason to keep accurate OSHA logs, and I stress the word ACCURATE . . . OSHA is reviving the Site-Specific Targeting Program (SST).

In an agency press release on October 16, 2018 OSHA announced it will be using the initial set of data collected from its electronic recordkeeping rule to identify workplaces with high injury and illness rates. The SST program directs OSHA enforcement resources to "high injury rate establishments" based on 2016 data from submitted Form 300A as well as those establishments who failed to submit any data at all (Safety&Health, 2018).

This is not a new program by any means, just one that OSHA is now reviving. Intended to be an annual program, SST was discontinued in 2014 after OSHA wound down its Data Initiative. The initiative, which started in 1995, was a collection of injury and illness data from approximately 80,000 organizations in "selected high-hazard industries" (Safety&Health, 2018).

However, in 2016, OSHA improved tracking of workplace injuries and illnesses. The final rule required establishments with 250 or more employees and those

with 20 to 249 employees in certain high hazard industries (which includes roofing) to electronically submit data from Forms 300, 300A and 301 (Safety&Health, 2018). Although OSHA has recently proposed rolling back the rule to require only the Form 300 A, the data on all 3 forms collected in 2016 is available for their use. Although construction sites are exempt from this program, OSHA does include contractor companies with injury rates they feel exceed the industry.

It's not uncommon for employers to "over-report" on their OSHA 300 logs. That is, to put every single injury that takes place in their organization, even if all of those injuries DO NOT meet the definition of an "OSHA recordable injury". The problem with doing this is now OSHA will be using that over-reporting against you. That is why it is so important that OSHA 300 and 300A forms are filled out properly and accurately. Be sure to always have your company safety director review your OSHA 300 and 300A logs before they are submitted. As a reminder, OSHA 300A forms need to be completed and posted in your workplace on February 1, 2019 and electronically submitted on March 2, 2019. 🏠

#### References:

Safety & Health Magazine, December 2018

Frank Marino is Vice President at Safety Check Inc., a safety consulting firm in the Chicago area and CRCA Associate Member. Marino has extensive experience in roofing safety. He can be reached at fmarino@safetycheckinc.com.

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## The Importance of Construction Documents

By Trent Cotney



Trent Cotney

**T**wenty years ago, a contractor could complete a construction project with a handshake and an invoice. Getting payment from customers has always been an issue, but the need for contracts and written documents was not as important as it is today.

Owners have become litigation and insurance savvy and know how to take advantage of an unprepared contractor. If a problematic project results in litigation, 9 times out of 10 the party with the best "paper" will win the day. In other words, the party that has the most detailed and descriptive paper trail supporting its side will more than likely succeed in court.

A contractor or supplier's first line of defense to claims on a construction project is always the contract. The contract contains pertinent provisions that a roofing contractor may use to pursue and defend potential claims. Although it is often difficult to negotiate the terms of a contract, to the extent possible, a contractor, subcontractor, or supplier should be aware of provisions that would help shield it from potential liability from claims. These provisions may include limitations on the types of damages that can be awarded, such as a provision that waives the ability to obtain consequential damages (pain and suffering, lost profits, loss of business reputation, etc.). In addition, contract provisions that require owners to provide written notice to contractors within a certain time period (24 hours) after the discovery of water intrusion or defective workmanship, may create a defense to an owner's claims if the owner failed to provide sufficient notice.

Anyone involved in the construction industry should also keep accurate written records of all communications involving defective workmanship, leaks or mold on a project. These written communications can include daily

reports, e-mail, memoranda, phone messages, and letters. Furthermore, if you notice defective work, water leaks or mold, make sure to take extensive photographs and/or video of the alleged problems. Visual depictions of leaks and mold are especially useful in defending claims where contractors are hired to repair systems that are already suffering from defective conditions.

A party should also use common sense when issuing or authoring written communications. Barring any contractual provisions to the contrary, a good rule of thumb is that if it is good for you, meaning that it can assist you with bringing or defending claims, put it in writing. If it's bad for you, pick up the phone and avoid putting something in writing that can later turn out to be a smoking gun if you are in litigation or arbitration.

Once the contractor has generated documents such as the contract, daily reports and follow-up correspondence, it is important that the contractor retain those documents in an organized file, especially if there is the possibility that the project could result in litigation. By generating and retaining documents which support the contractor's position, a contractor will be better able to defend itself against litigious owners. 🏠

*Author's note: The information contained in this article is for general educational information only. This information does not constitute legal advice, is not intended to constitute legal advice, nor should it be relied upon as legal advice for your specific factual pattern or situation.*

*Cotney Construction Law is an advocate for the roofing industry and is a CRCA Associate Member and focuses on all aspects of construction litigation and arbitration, including OSHA defense, lien law, bond law and bid protests, as well as construction document review and drafting. He routinely represents general contractors, subcontractors, suppliers, manufacturers, architects, engineers, developers and others in the construction industry in a variety of matters.*

*For more information, contact Cotney at 866-303-5868 or go to [www.cotneycl.com](http://www.cotneycl.com).*



# Steep Slope Focus—Keeping Homeowners Informed on Winter Roofing Threats

By Thomas Schoendorf



Thomas Schoendorf

Chicagoans are all too familiar with what the winter season can bring. We may be used to snow, ice, and frigid temperatures this time of year. What we may forget, however, is that the cold weather can lead to costly—and even deadly—hazards around a structure.

As a roofing contractor, you've probably had to repair or even replace a roof for a client after a long, harsh winter. So often, that work could have been avoided.

While it's impossible to control the weather, homeowners can take several steps to mitigate the risks that it brings. Fortunately, you can be part of the solution by keeping homeowners educated on winter roofing risks.

## The Biggest Winter Threats to Homes

You might feel that you already know about the dangers that winter can pose for a home. But when you're fully prepared to speak with customers about these problems and offer a solution, you establish yourself as a trustworthy resource for homeowners.

### 1. Snow and Ice Damage

Snow and ice are heavy, so they can possibly collapse a roof on an aging structure. When the weather gets bad, it's easy for ice to form on the roof edges if the gutters are clogged. The gutters can become blocked when snow melts on the roof and then refreezes.

If the gutters are unable to drain away excess moisture, this can lead to an ice dam. Ice dams form when snow and ice melt upslope on a steep slope roof over heated space, then freeze when it hits the unheated area, usually at an eave. The ice dams can keep letting water

flow over the gutter, creating icicles along the eaves and further weighing down the roof and gutter systems.

To some, icicles may look pretty in the winter sunlight. But they spell big trouble for a roof. The extra weight from icicles can cause sagging or tear off gutters, cause water to back up under or destroy shingles, and cause leaks inside the home. Sagging ceilings and warped floors are common signs that water has seeped into the home.

Additionally, wet insulation in an attic or crawlspace can result in mold and mildew issues. An improperly insulated roof is part of the cause of ice damming and can drive up heating costs. Furthermore, icicles themselves can be dangerous if they fall and hit a person or pet.

### 2. Fallen Trees

Despite its infamous nickname, Chicago is, on average, only slightly windier than other cities across the United States. But all it takes is one gust of wind or a bit of snow to create big problems.

Just as snow and ice can weigh down a roof, they can have the same effect on trees. And the closer those trees are to a home, the riskier they become to the house during winter.

In some cases, the wind can snap off a weak tree limb, sending it to the ground or onto the roof. During a large enough storm, it's possible for an entire tree to fall onto a structure and do serious damage—not to mention put homeowners' lives at risk.

### 3. Fires

A cozy fire in the fireplace, an illuminated Christmas tree, and a glowing display of candles may sound like the perfect setting during the holidays. But those little details all represent enormous hazards if left unattended.

Blocked chimneys can result in fires. Problems with the chimney can also push smoke and carbon monoxide into a home, which can be deadly. Christmas trees can catch fire if they're too close to a heat source or strung with lights that have worn-out electrical cords.

And according to the Insurance Information Institute, December is the month with the most home fires originating from candles. No matter what season, candles should never be left unattended.

### The True Costs of That Winter Storm

When these problems arise for your customers, you may need to work with an insurance carrier if the homeowners have filed a claim. If customers have questions, remind them to check their homeowners' insurance policies to determine what is and isn't covered.

Winter weather is the third biggest reason for all property insurance claims from catastrophic events, behind tornadoes and hurricanes. The Insurance Information Institute found that winter storms accounted for \$30.4 billion in catastrophe losses between 1996 and 2015 and represented 7.5% of all claims during that period.

Research shows that the costs associated with wintertime property damage are increasing at an alarming pace. In 2015 alone, Munich Re reports that winter storms

caused roughly \$3.5 billion in insured losses—a \$900 million increase from 2014's losses. Prior to 2014, winter weather claims averaged roughly \$1.2 billion per year, according to *The New York Times*, or about one-third what they cost today.

In short, winter may seem like no big deal to some of us. But a single day of extreme weather can result in hefty costs for property owners.

### Spread the Knowledge

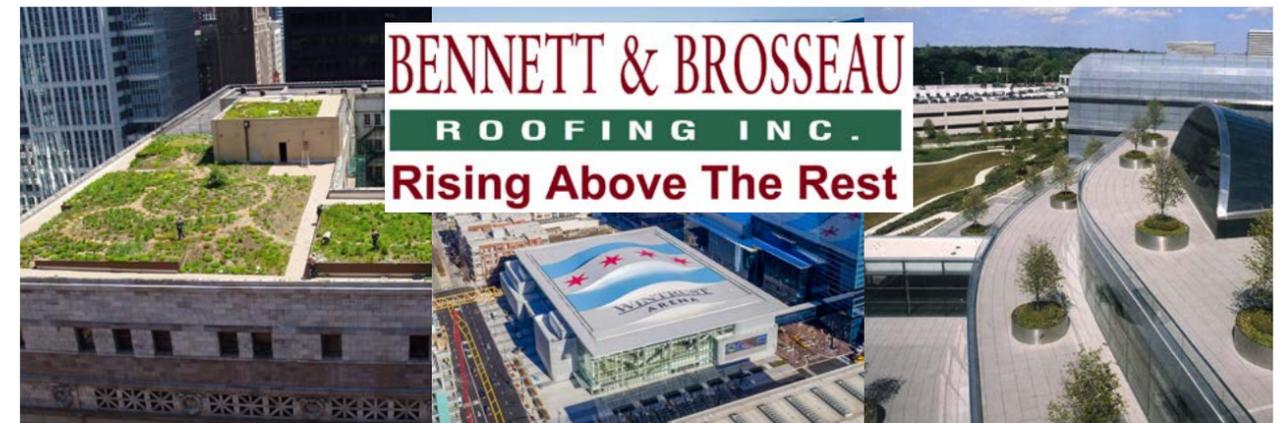
How can professional roofing contractors help homeowners this season? One way is to offer guidance at any events you attend, such as a wintertime home show.

If winter is cold and snowy, you won't be spending as much time outside this season. To continue to drive business, you might find yourself at a home show this time of year.

Exhibiting at a home show enables you promote your business by meeting face to face with homeowners. You can also share your knowledge and talk to homeowners about the solutions that they need.

Some questions you might consider asking homeowners include:

- When was your last roof replacement (tear-off) or roof recover (2<sup>nd</sup> layer of roofing)?



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- Have you noticed icicles along the eaves of the roof or hanging from gutters?
- Have you had any leaks in the ceiling?
- Do you regularly clean out your gutters or have someone do it for you?

Let customers know that ice dams and icicles are huge red flags for any home. Chances are you'll receive a few calls after the show.

No plans for a home show? You don't have to meet with customers in person to give them helpful tips and generate leads.

Have a good blog post about winter roofing issues on your website? Don't forget to share it on your social media channels. This is great content for an email newsletter, too. If writing isn't your forte, then try making a video. You can also link to existing articles about winter weather and home maintenance you find on social media.

Becoming a thought leader today is as easy as attending an event or updating your Facebook page. When you engage with your customers and prospects on a regular basis, they can keep you top of mind if—or when—they do need your services.

#### Prevention Is the Best Medicine

Above all, remind your customers and prospects that good roof maintenance is a year-round effort.

Winter is a time for professionals to work on a roof, shoveling, melting ice dams on roofs or adding insulation and maybe balancing ventilation in attic spaces. Consider using autumn to help homeowners prepare for the long winter months ahead. Gutter cleanings and repairs in the fall can help prevent the buildup of icicles in winter. This is also an ideal time to inspect insulation and discuss waterproofing measures with property owners.

Homeowners may be tempted to forget about winter roofing issues when warm weather arrives. But the springtime thaw is an especially vulnerable time for a structure.

Melting snow and ice can lead to significant water damage for a roof or foundation. During the spring, mice, squirrels, bats, and insects that enter through rotted wood or a cracked foundation can do further damage to a home. A roof inspection in the spring can help homeowners avoid unpleasant surprises during the summer.

The coldest season of the year can sometimes be the most unpredictable. By maintaining the home and keeping an eye out for hazards, homeowners can avoid the worst of the winter. If something does go wrong, however, you can be there to help property owners recover. ❄️

*Thomas Schoendorf is the Midwest Regional Sales Manager at EagleView®. This CRCA Associate Member firm provides aerial imagery, data analytics, property data, and GIS solutions for government, infrastructure, and commercial sectors. For more information, contact Tom at thomas.schoendorf@eagleview.com.*

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## Roof Talk—CRCA Member Spotlight



**Company:** Barge Terminal Trucking

**Location:** Oswego, IL

**Business Founded:** This family firm was started in 1919, as a Grocery Delivery Service in Cicero. They grew the business by adding material service products such as coal, stone and chemicals to their product line. The business' motto of "Dependability" and the importance of being a "Full service" supplier to Chicago area roofing contractors and others was developed.

In 1984, a new venture was started with Barge Terminal Trucking. When creating the new entity, they looked back to their family business roots of unloading stone and other materials from the shipping canals and utilized "Barge" in their new identity. They moved to Owego in 2005.

**Number of Employees:** 25

**Joined CRCA:** over 50 years ago

**What Services Does Your Business Offer?**

Trucking and gravel services to the roofing Industry.

**Where Do You See Your Business in 10 Years?**

Continuing to work with the many great customers we have!

**What Is Your Best Business Memory to Date?**

While there are too many to really single one out, a favorite memory is when my father (Jack Edmier) and I (Tom Edmier) were working the CRCA Trade Show booth and my wife brought our son and daughter to the show (now a sophomore and junior in high school!)

**How Did You Learn About CRCA?**

I was born into it as our company has been a member for as long as I can remember

**If You Attend CRCA Events, Can You Describe a Benefit of Attendance?**

Barge has exhibited in every single CRCA Trade Show & Seminars to date and attends membership meetings, the annual dinner and the annual golf outing. CRCA's events bring roofing industry professionals together to be a true resource based on their many years of experience and knowledge in the business.

**What Value Does CRCA Membership Bring to You?**

We feel that CRCA's membership brings great value, especially with the relationships developed over the years. We are able to reach out to many CRCA members as a resource when we encounter an issue or need clarification and this is very valuable to our business.

**What Advice Would You Give a New CRCA Member?**

Enjoy and embrace a great organization! ❄️



# Winter Maintenance—Articulating Cranes and Boom Trucks

By Mike Noonan



Mike Noonan

**F**or Roofing Contractors and other Construction trades, the purchase of an Articulating Crane (Knuckle Boom), Aerial Work Platform, or other lifting equipment is one of the largest decisions made. Maintaining that investment is key to prolonging the life of the equipment. What type

of preventative maintenance should be done during the winter to keep this important and valuable piece of equipment working, and extend the life for many years to come?

With Winter officially upon contractors in the Midwest, this is a great opportunity to take some additional time to clean your equipment. Keep your equipment inside if space is permitting, shielding from snow and the elements. Don't forget to clean the outside of the crane, paying special attention to the undercarriage, as salt will erode this area, causing costly repairs in the future. Washing your equipment is not solely a Winter maintenance requirement. During the warmer and busier seasons, it is also recommended to wash the equipment once a week as well.



Walter Payton Power Equipment Photo

## Maintenance Inspection

Now that your equipment is clean, take the time to perform a maintenance inspection. Plus, routine inspections can help identify potential problems and address them before a costly or irreversible incident occurs.

Every crane should be supplied with a manufacturers' service manual. Use this important tool as your equipment's guide to daily, weekly, and monthly inspections. Following the manufacturer's recommendations, perform the inspections, while recording problems clearly in a maintenance logbook. Perform the inspection while the engine is off and then again while the engine is running. Inspections with the engine off can help identify obvious problems and give you a chance to correct them before starting the engine, and potentially harming others.

## What to Look For?

- Crane Structure
  - Boom Structure – check for cracks or stress integrity, especially in the boom and turret portion. Does it bend beyond normal deflection allowances?
  - Any deformities, cracks, corrosion, loose bolts/rivets, excessive wear on the brake/clutch system, deformed wedges, defective cotter keys, pins or guardrails
  - Ladders and Steps
  - Operator's Cab – controls, glass, climate control, seat, seatbelt, wipers, gauges, switches, load chart, manuals
  - Tires
  - Electrical Devices
- Hydraulic Systems
  - Engine oil level
  - Hydraulic oil level/Hydraulic cylinders

- Hydraulic and Air Hose Condition—check for deterioration/leaks
- Lubrication
- Air Cleaners
- Operational Aids:
  - Safety Devices – Boom backstops, jib stops, crane level indicator, foot brake pedal lock, outrigger jack cylinders, signal horn deflection allowances
  - Control Mechanisms – cables, brakes and levels for poor adjustment or excessive wear; accuracy of marking on the load/radius indicator over full range; check for proper operation of all indicators (load moment, boom angle, boom length, etc.)
  - Outrigger Float attachment – damaged or missing components
- Wire Rope
  - Inspection - Regular inspection of wire rope is recommended to pay particular attention to check the integrity of the wire rope, testing the winch winding by unwinding all rope from the hoist drum, inspect sheaves, sockets, dead-ends and all rope hardware (recommended to have your equipment distributor inspect this part)
  - Lubrication - Re-lubricate rope to prevent corrosion, wear, friction and dryness. See the service manual for the recommended amount.

## OSHA Required Annual Inspection

Note that OSHA requires that all active cranes be inspected annually. How is the anniversary date determined for inspection? How is the inspection date determined? Per OSHA, "The requirement that the inspection be conducted at least every 12 months means that an inspection **must** be conducted on or before the anniversary date of the last annual inspection." How to treat if the equipment is not in service on this date? "If the equipment is not in service, the annual inspection would not have to be done at that point. However, the equipment could not be put back into service until the annual inspection had been done." Many distributors are trained and will provide annual OSHA inspections as well. To learn more about what is required, visit [www.OSHA.gov](http://www.OSHA.gov). 

*Mike Noonan is the Boom Truck and Articulating Crane Specialist for Walter Payton Power Equipment (WPPE). WPPE is a CRCA Member and the largest crane and heavy equipment distributor in the Midwest with FULL SERVICE facilities in Riverdale, IL, Lebanon, IN, Evansville, IN, New Albany, IN and Taylor, MI. Walter Payton offers new and pre-owned equipment from leading manufacturers including Manitex, PM, Grove, National, Manitowoc, Tadano Mantis, Xtreme and Talbert. For more information, call 773-315-3357 or visit [www.wppecrane.com](http://www.wppecrane.com).*



## How To Avoid Some Common OSHA Crane Violations

### Annual Inspections

1926. 1412(f)(1)—Annual Inspections not performed by a qualified person

1926. 1411 (f)(2)(xvii)—Labels supplied by the manufacturer are missing

### Record Maintenance

1926. 1417(c)(1)—The operator's manual, load charts, hazard warnings, etc. are not in the cab at all times

1926.1412(e)(3)(i)—Monthly Crane inspection results are missing, and/or signed documentation is not maintained

(Maintain documentation of shift, monthly and annual inspections for at least three months. Documentation must include the items checked and the results of the inspection, as well as the name and signature of the person who conducted the inspection and the date of each inspection.)

### Correction of Deficiencies

1926. 1412(d)(1)—A safety determination was not made by a competent person after a deficiency had been noted during an inspection

(When the qualified person who conducts the inspection identifies any deficiency during the inspection that constitutes a safety hazard, the equipment must be taken out of service until the deficiency is corrected.)

### 20 Foot Radius from Power Lines

1926.1408(a)(2)—No determination has been made to ensure the working radius was within 20 feet of a power line

(Establish a work zone with flags or use high voltage proximity alarms to maintain a 20-foot distance from power lines.) 

## “Roofing Week in Chicago - Connect the Dots”



### **PROGRAMMING BEFORE THE TRADE SHOW FLOOR OPENS!**

#### **Wednesday, January 16, 2019**

**3:00-5:00 pm, Drury Lane Hilton Suites**

**Presented by CRCA'S Chicagoland Women in Roofing (CWIR)**

With a mission to inspire women to gain knowledge and involvement in the roofing industry, this innovative group continues to broaden the scope of education in its third year. Come join other women to participate in an interactive roundtable program to share issues, topics and experiences in today's every changing roofing world.

#### **Wednesday, January 16, 2019**

**3:00-5:00 pm, Drury Lane Hilton Suites**

**Presented by CRCA'S Emerging Leaders**

In conjunction with CRCA's newly launched Mentor Network last fall, construction industry expert Kevin Dougherty will discuss ways to develop relationships with other roofing industry contractors, suppliers and roof consultants. Come learn about the benefits and strategies to gain the most from these interactions during your career path.

#### **Wednesday, January 16, 2019**

**5:00-6:00 pm, Drury Lane Hilton Suites**

**Roofing Industry Welcome Reception**

**Presented by CRCA'S CWIR and Emerging Leaders**

**PRE-REGISTRATION REQUIRED at [www.CRCA.org](http://www.CRCA.org)  
FREE TO ATTEND - LIMITED SPACE - Register Today**

#### **Thursday, January 17, 2019**

**9:00-11 am, Drury Lane Conference Center, Crystal Room / English Room**

**CRCA Roofing Industry Breakfast - “Roofing Week in Chicago - Connect The Dots”**

**Presented by CRCA**

The 2019 CRCA Roofing Industry Breakfast panel sets the stage for two days of great education! Industry Leaders Carole Ceja (RRJ), Kevin Dougherty (Construction Industry Consultant), Matt Dupuis, (SRI), Tony Hyatt (Cedar Shake & Shingle Bureau), Mark Graham (NRCA), Frank Marino (Safety Check Inc.), Stephen Phillips (Hendrick Phillips) and Nick Sabino (Deer Park Roofing) will give brief insights into their Thursday afternoon and Friday programs. Topics include Workforce Retention and Development, Cedar Shake Shingle Design and Maintenance, Roof Replacement and Design Liability, Safety Programs - Start to Finish, Roofing Over Concrete Decks, Common Solutions for Steep Slope Roofing Problems and Roofing Technical Issues.

**PRE-REGISTRATION REQUIRED at [www.CRCA.org](http://www.CRCA.org)  
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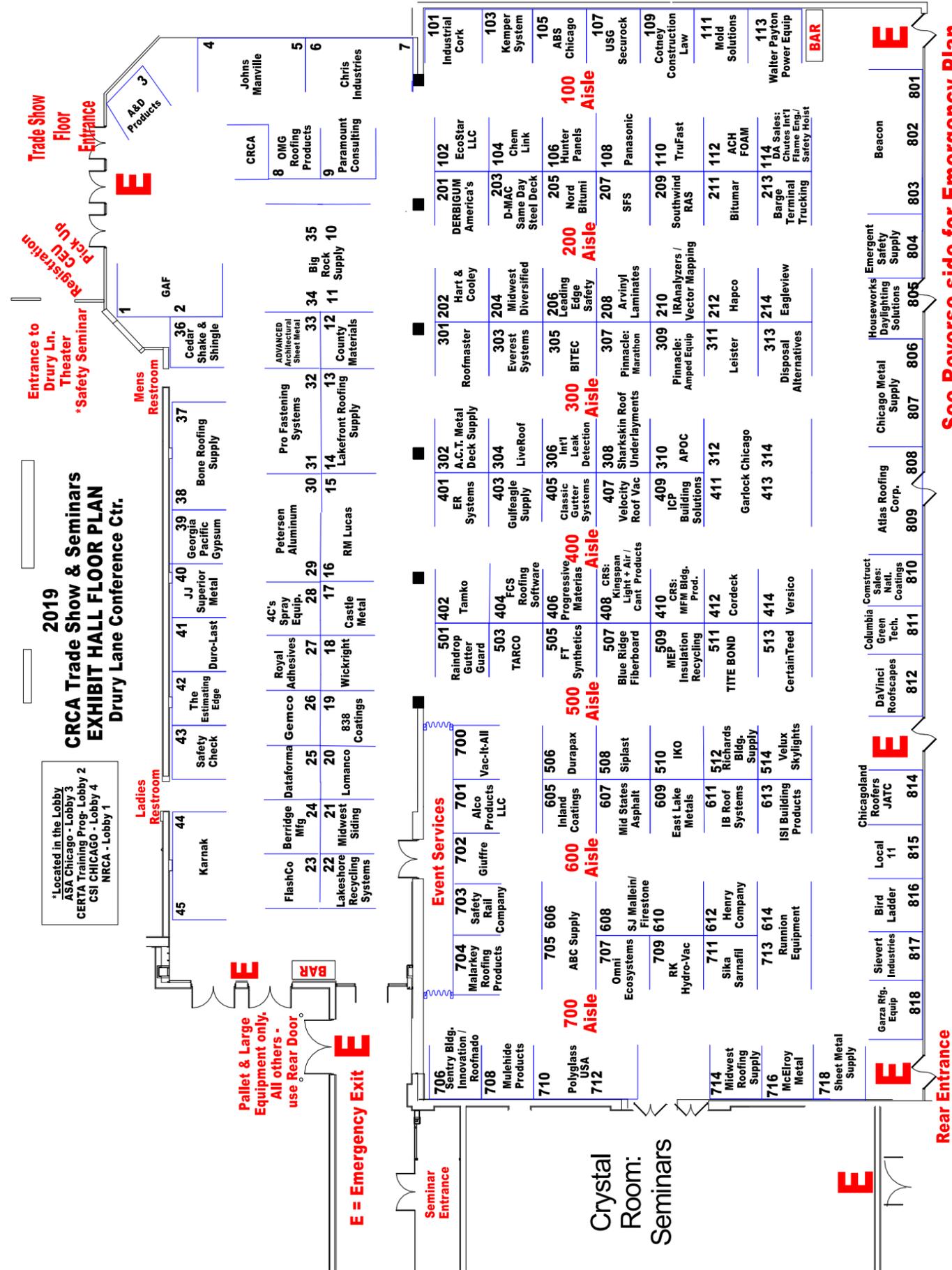


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- ABS / Carlisle - 105
- ACH Foam Technologies - 114
- ADVANCED Architectural Sheet Metal - 33
- Alco Products, LLC - 701
- APOC Roof Coatings & Underlayments - 310
- Arvinyl Laminates LP - 208
- ASA Chicago - Lobby 3
- Atlas Roofing Corporation - 808,809
- Barge Terminal Trucking, Inc. - 213
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- Berridge Manufacturing Company - 24
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- Blue Ridge Fiberboard, Inc. - 507
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- CSI Chicago Chapter - Lobby 4
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  - Chutes Intl./ Flame Engin. / Safety Hoist Co. - 114
- Dataforma - 25
- DaVinci Roofscapes - 812
- DERBIGUM - 201
- Disposal Alternatives - 313
- D-MAC - Same Day Steel Deck - 203
- Durapax - 506
- Duro-Last Roofing - 41

- Eagleview - 214
- East Lake Metals - 609
- EcoStar LLC - 102
- Emergent Safety Supply - 804
- ERSystems - 401
- Everest Systems - 303
- FCS Roofing Software - 404
- FlashCo - 23
- FT Synthetics - 505
- GAF - 1,2
- Garlock Chicago - 312,314,411,413
- Garza Roofing Equipment & Supply - 818
- Gemco Roofing & Building Supply - 26
- Georgia-Pacific Gypsum - 39
- Giuffre Bros. Cranes - 702
- Gulfeagle Supply - 403
- HAPCO INC. - 212
- Hart & Cooley Inc. - 202
- Henry Company - 612
- Houseworks Daylighting Solutions, LLC - 805
- Hunter Panels - 106
- IB Roof Systems Inc. - 611
- ICP Building Solutions Group - 409
- IKO - 510
- Industrial Cork Co., Inc. - 101
- Inland Coatings - 605
- International Leak Detection - 306
- IR Analyzers / Vector Mapping - 210
- ISI Building Products - 613
- JJ Superior Metal Inc. - 40
- Johns Manville - 4,5
- KARNAK Corporation - 44,45
- Kemper System America - 103
- Kirsch BP/ Sharkskin Roof Underlayments - 308
- Lakefront Roofing Supply - 13,14
- Lakeshore Recycling Systems - 22
- Leading Edge Safety - 206
- Leister Technologies - 311
- Live Roof, LLC - 304
- Lomanco, Inc. - 20
- Malarkey Roofing Products - 704
- Marathon Roofing Products - 307
- McElroy Metal - 716
- MEP Insulation Recycling - 519
- Mid-States Asphalt - 607
- Midwest Diversified Products Inc. - 204

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- Nord Bitumi / Nordtec, Inc. - 205
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- OMG Roofing Products - 8
- Omni Ecosystems - 707
- Panasonic - 108
- Paramount Consulting - 9
- Petersen Aluminum - 29,30
- Pinnacle Sales: Amped Equip - 309
- Polyglass USA - 710,712
- Pro Fastening Systems, Inc. - 31,32
- Progressive Materials, LLC - 406
- R.M. Lucas Co. - 15,16
- RAINDROP Gutter Guard System - 501
- Richards Building Supply - 512
- RK Hydro-Vac, Inc. - 709
- Roofers & Waterproofers Local 11 - 815
- Roofmaster Products Company - 301
- Royal Adhesives / HB Fuller - 27
- Runnion Equipment - 614,713
- S.J. Mallein Co. - 608,610
- Safety Check Inc. - 43
- Safety Rail Company - 703
- Sentry Building Innovation / Roofnado - 706
- SFS - 207
- SHEET METAL SUPPLY LTD - 718
- Sievert Industries - 817
- Sika Sarnafil - 711
- Siplast - 508
- SOPREMA / Chemlink - 104
- Southwind RAS LLC - 209
- TAMKO Building Products, Inc. - 402
- Tarco - 503
- The Estimating Edge - 42
- Titebond - 110
- TRUFAST - 110
- USG Securock Roofing Solutions - 107
- Vac-It-All Services, Inc. - 700
- Velocity Roof Vac Service - 407
- VELUX Skylights - 514
- Versico Roofing Systems - 414
- Walter Payton Power Equipment, LLC - 113
- WickRight/365 Construction Tents - 18



## “Roofing Week in Chicago - Connect the Dots”



**Thursday, January 17, 2019**

### **1:00-2:00 pm - “Workforce Recruitment, Retention and Development: Finding and Keeping Your Labor Force Now”.**

Come learn from Kevin Dougherty, industry leading speaker as he brings solutions to workforce issues. The recession of 2007-2008 drained the construction industry of essential talent. People found new work in other industries or retired. Whether a roofing contractor, roofing consultancy, design company or building department, we all have challenges finding and keeping staff to replace the talent that left. Dougherty covers critical issues in recruiting and retaining workers for your business. (Crystal Room)

### **1:00-2:00 pm - “Cedar Shakes and Shingles – From Design, Installation to Inspection and Maintenance.”**

Are you involved in permitting? Installation? Inspection? Attend this one-hour session by Tony Hyatt of the Cedar Shake and Shingle Bureau. This seminar is geared for the design community, roofing contractors as well as building officials to learn how to specify cedar roofing products properly, understand which material is appropriate for each project, learn to evaluate costs and also learn to recognize proper installations or those that aren't. (English Room)

### **3:00-4:00 pm - “Roof Replacement Process and Design Liability”**

Panel: Stephen Phillips (Hendrick Phillips), Carole Ceja (RRJ) and other industry professionals. Ever involved in specifying a roof replacement for a building owner without a licensed professional? Roofing accounts for a big percentage of construction litigation while it gets little attention due to being ‘out of sight, out of mind’. Hear from a panel of a roof consultant specifier, roofing contractor, and roofing specialist lawyer about possible liability in the roof replacement process. From Roofing specifications to installation and inspection, they'll cover issues that will keep you out of court. (Crystal Room)

**CRCA Thursday Afternoon & Friday Seminars - FREE - included in general trade show registration**

**Friday, January 18, 2019**

### **7:00-9:00 am “Safety Programs Start to Finish - Connecting the Dots”.**

Presented by Frank Marino, Safety Check Inc. and CRCA's Safety Committee. Attend this important session and learn the steps to creating and implementing a successful safety program: preplanning, setting up the job, onsite coordination and finally downloading upon completion. Geared for field staff, management and owners and more. (Theater)

### **7:45-8:45 am “Roofing over Concrete Decks – Centuries of Use, New Problems & Solutions.”**

What's the latest guidance when roofing over concrete decks? This program wraps up a three-year research project funded by CRCA, CRC, NRCA and others. Using data from the research, Matt Dupuis, PhD, PE will share findings and critical recommendations about today's roofing systems when applied over concrete. This is a ‘must attend’ session for Roofing contractors, the design community and more. (Crystal Room)

### **9:30-10:30 am “Common Solutions for Steep Slope Roof Problems.”**

Come hear Nick Sabino (Deer Park Roofing and NRCA Chairman elect) speak about common problems and solutions for steep slope roofs during this fast-moving program. He'll cover why ice dams form and how to prevent leaks from them, what happens when there is not enough insulation in the attic, when ventilation is inadequate, bad flashing and edge / gutter details. He'll provide possible solutions for these issues and many more. (Crystal Room)

### **11:15 am-12:15 pm “Roofing Technical Issues – Codes, Standards, Common Problems & Solutions”.**

Mark Graham, NRCA VP of Technical Services, will present roofing technical issues including what to expect in the new 2021 International Building and Energy Conservation Codes, and other key roofing technical issues that affect roofing contractors, consultants and design professionals, building owners, building code officials too. Don't miss this vital and informative seminar! (Crystal Room)

**THURSDAY EXHIBIT & SHOW HOURS: 11:00 am - 5:00 pm**

**Cash Lunch 11:30 am-2 pm**

**FREE Exhibits & Seminars (excludes Industry Breakfast)**

**FRIDAY EXHIBIT AND SHOW HOURS: 9:00 am - 1:00 pm**

**Register at [www.CRCA.org](http://www.CRCA.org) or at the Door!**

# Plan, Equip & Train—Working in Winter Weather

By CRCA Staff



Besides the dangers involved while driving in winter weather, roofing contractors must also be aware of winter weather hazards for workers doing roof repairs and other roofing applications.

The Occupational Health & Safety Administration's (OSHA) campaign to “Plan, Equip & Train” aims to educate employers to prevent illnesses, injuries, or fatalities, by controlling these hazards in workplaces impacted by winter weather. Below are tips to include in your Winter Safety Procedures:

#### **Preventing Slips on Snow and Ice**

- Clear snow and ice on all walking surfaces; spread deicer as soon as possible
- Wear footwear that has good traction, insulated and water-resistant
- Take short steps and walk as slower pace

#### **Preventing Falls When Removing Snow from Rooftops and Elevated Surfaces**

- Provide required fall protection and training when working on the roof or elevated heights
- Ensure ladders are used safely (e.g. clearing snow and ice from surfaces)
- Use extreme caution when working near power lines
- Prevent harmful exposure to cold temperatures and physical exertion

#### **Understanding Frostbite and Hypothermia**

Frostbite happens when the body's survival mechanisms kick in during extremely cold weather. To protect you're the vital inner organs, the body cuts circulation to your extremities: feet, hand, nose which eventually freeze.

Frostbite can happen in minutes, especially on extremities such as fingers, toes, nose and ears. If you suspect frostbite, immediately move inside to a heated location and begin warming affected areas using

warm water or body heat. DO NOT USE HOT WATER OR RADIANT HEAT such as a fireplace since affected areas can be easily burned. See medical attention for severe frostbite.

#### **To Avoid Frostbite**

- Cover every part of your body, especially extremities (hands, nose, etc.)
- Keep skin dry
- Mittens are better than gloves
- Drink plenty of fluids—hydration increases the blood's volume
- Avoid caffeine, alcohol and tobacco

#### **Indicators of Frostbite**

- First Degree—Ice crystals are forming on skin
- Second Degree—Skin begins to feel warm even though not defrosted
- Third Degree—Skin turns red, pale or white
- Fourth Degree—Pain lasts for more than a few hours and skin may develop a dark blue or black color. See a doctor immediately as gangrene is a real threat.

#### **Frostbite First Aid When Still Outside**

- Don't rub or massage cold body parts
- Put your hands in your armpits
- Drink warm liquids
- Put on extra layers of clothes, blankets, etc.
- Remove rings, watches or any other tight jewelry or related items

#### **Frostbite First Aid When Inside**

- Don't walk on a suspected frostbitten foot
- Get in a warm, NOT HOT bath or wrap your face or ears with a moist, warm, NOT HOT towel
- Do not go near a hot stove or heater or use a heating pad, hot water bottle or hair dryer as burns may result

- If blisters occur, do not break as as scarring and infection may occur
- If skin turns blue, gray or swollen or feels hard and numb, get immediate medical help

Hypothermia occurs when the body temperature falls below 96 degrees and can be a serious health hazard. Move the victim inside to a heated location to begin warming the center of the body first and get medical attention immediately. If the person is unconscious, administer CPR.

Note that hypothermia can occur in temperatures as warm as 60 degrees, particularly when wet or not sufficiently dresses for the weather. Some medicines and circulation problems may reduce your ability to resist hypothermia.

**Below Are Some Tips to Prevent Hypothermia:**

- Dress in layers
- Eat nutritious food

- Wear a warm hat
- Eat hot foods and drink warm drinks frequently
- Ask your doctor if any of your medication increases your risk of hypothermia, including barbiturates, benzodiazepines, chlorpromazine, reserpine and tricyclic antidepressants.

**Signs of Hypothermia**

- Feeling sluggish
- Having trouble thinking clearly

If working outdoors and these symptoms are present, seek immediate medical attention.

To learn more about Winter Safety When Working Outdoors, visit [www.osha.gov/dts/weather/winter\\_weather/index.html](http://www.osha.gov/dts/weather/winter_weather/index.html) 

# Industry News

By CRCA Staff

**CRCA Elects 2019 Board of Directors—At CRCA’s November membership meeting,** Larry Marshall Jr. (L. Marshall Roofing), Phil Diederich (Waukegan Roofing Company) Jim Prusak (Prusak Construction Roofing, Inc.) will be joining the board as Directors as well as Jeff DeJong (Industrial Cork) as Associate Director.

Other 2019 CRCA Board Members include: President Troy Wormley, 1<sup>st</sup> VP Mark Duffy, 2<sup>nd</sup> VP Brian Cronin, Treasurer Mitch Rabin, Secretary Ryan Petrick and Past President George Patterson. In addition to those directors listed above, 2019 CRCA Board Directors include: Jay Adler, Dominic Dunlap, Kevin Froeter, Bill O’Brien Jr., Chris Riddiford, Shawn Sullivan and Associate Directors Kim Kwasiborski and Brad Schwab.

CRCA thanks outgoing Directors Laurie Moore (Kreiling Roofing) and Jim Peterson (Peterson Roofing, Inc.) and Greg Dedic (Beacon–Carol Stream) as Associate Director. CRCA extends great thanks for their service on the board and are glad they will still be involved on a committee level.

**CRCA recognized the 2018 Award Recipients** at the December 7<sup>th</sup> Annual Awards Dinner at the Eaglewood Resort in Itasca. CRCA President Troy Wormley provided highlights of the year, including thanking the over 135 CRCA volunteer committee and board members, responsible for planning and facilitating the over 25 activities this year.

The 2018 Award Recipients include:



Gold Medal Safety Award: Olsson Roofing Company (CRCA Photo)



Associate of the Year: Safety Check Inc. (CRCA Photo)



Clyde Scott: George Riddiford and family (CRCA Photo)



Clyde Scott: Past Recipient John Lanzendorf with George Riddiford (CRCA Photo)

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The CRCA Foundation is registered with the Secretary of State of Illinois as a charitable, not-for-profit corporation (No. 7122-868-1) and with the US Internal Revenue Service as a 501(c)(3) tax-exempt organization, Federal Tax ID# 82-2888590.

**WHAT ARE YOU WAITING FOR?**

Join these generous donors in supporting the CRCA foundation  
*Mission: To support philanthropic causes, research and education to further the roofing and waterproofing industry and community.*



**Michael Grogan, Business Development Specialist for CRCA Associate Member firm,** CompanyCam spoke at the November CRCA Membership. He shared information on how to effectively sell and market your Business by using Value over Price.

Key topics included:

- The Golden Circle—being able to answer the “what”, the “how” and the “why” are key marketing strategies used by such firms as Apple, Under Armour and Yeti.
- Four Ways to Keep Value First
- How to Combat the Lower Priced Competitor
- How to Set Your Company Apart with Marketing
- Four Ways to Create a Referral Machine
- Creating the “Big Picture” Plan

CRCA thanks Grogan for his presentation. To view the presentation, visit [CRCA.org/Members only](http://CRCA.org/Members only). For more information, contact [michael@companycam.com](mailto:michael@companycam.com).

**CRCA thanks Attorneys Katherine Manuel and Norma Maniarrez** of Ogletree Deakins for presenting the November 29 Webinar, “Developing your Firm’s Harassment Policies”. With the goals of understanding the definition of a respectful work environment, preventing harassment, protecting you, the employer, the workplace and also a brief legal foundation, Manuel

and Maniarrez discussed this very timely topic. To download the presentation or the recording, visit [CRCA.org/members only](http://CRCA.org/members only).

**CRCA Committees Meet**—CRCA’s Committee Day, December 11 provided an early kickoff for 2019’s activity planning. Over 70 people gathered to plan CRCA’s Membership Meetings, and much more. We are always amazed at how many CRCA Members participate, giving selflessly of their time and talent, to the Chicago roofing industry at CRCA. Thanks to all and watch for new things in 2019.

**CRCA Member Updates**



**CRCA lost long time member, John L. Barry**, past Chairman of R.M. Lucas Co. in November. Barry was the 1995 CRCA Award of Excellence Recipient, given to those roofing professionals for dedication to the industry as well as a commitment to the highest standards of ethics

and professionalism. He was an avid outdoorsman and a recreational pilot.

**Atlas Roofing announced on November 29**, the launch of its Roof and Home Design Studio, an easy-to-use design tool that homeowners and contractors can

access to choose shingles and create a whole new look for the home.

With just a few clicks or swipes, homeowners can customize the look of their home with *Roof & Home Design Studio*. Contractors can use the tools to show their customers a variety of shingle options and help them make decisions about a new roof.

“We’re very excited about our Roof & Home Design Studio,” Diane Peoples, Marketing Communication Manager at Atlas Roofing Corporation, said. “This process is a major improvement over the standard way of choosing shingles. Because the roof is such an important part of a home’s beauty and curb appeal, shingles have to be chosen with a variety of other design aspects in mind. Our design tool helps put everything together to make the process more efficient—and more fun—for both homeowners and contractors.”

*Roof & Home Design Studio* is available for computer, tablet and mobile phones. To learn more, visit [www.atlasroofing.com](http://www.atlasroofing.com).

**CRCA Insurance Member, Connor & Gallagher One Source** forwarded the Federal IRS Issues Standard Mileage Rates for 2019 for CRCA Members to note for the future.

The IRS announced the issuance of the 2019 optional standard mileage rates used to calculate the deductible costs of operating an automobile for business, charitable, medical, or moving purposes.

Beginning January 1, 2019, the standard mileage rates for the use of a car (including vans, pickups, or panel trucks) will be:

- 58 cents per mile when driven for business use, up 3.5 cents from the 2018 rate;
- 20 cents per mile when driven for medical or moving purposes, up 2 cents from the 2018 rate
- 14 cents per mile when driven in service of charitable organizations.

The charitable rate is set by statute and remains unchanged from 2018. To learn more about construction and general business issues, visit [gocgo.com](http://gocgo.com).

**McElroy Metal launched two new underlayments in October**—HydraShell MAX and HydraShell Supreme SA. HydraShell MAX is the standard synthetic underlayment and HydraShell Supreme SA is a peel-and-stick underlayment.

HydraShell MAX has a four-layer construction and can be used under all types of finished roofing materials, including steel roofing and is suitable for roof pitches

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as low as 1/2:12. It requires significantly fewer fasteners than competitive products and provides a durable deck cover. HydraShell Supreme SA is designed for high-temperature, self-adhering applications. For more information, visit [mcelroymetal.com/news](http://mcelroymetal.com/news).

**Petersen Aluminum President, John Palesny Recognized by MSCI**—John recently received the Metals Service Center Institute Lifetime Achievement Award in November. The honor recognizes Palesny's contribution to the metals industry during his 47-year career at Petersen, headquartered in Elk Grove Village, IL.

"I am honored to accept this award on behalf of all my colleagues at Petersen," Palesny said. "Together we have built a great company that is recognized as an industry leader. It's not really about me, it's about the people who have made this company such a remarkable success and a joy to work with."

CRCA Member firm, Petersen Aluminum manufactures PAC-CLAD architectural metal cladding products in multiple gauges of steel and aluminum as well as standing seam roof panels, hidden- and exposed-fastener wall panels, flush- and reveal-joint panels, vented or solid soffit panels, perforated metal, coil and flat sheet, composite panels, column covers, fascia and coping. To learn more, visit [info@pac-clad.com](mailto:info@pac-clad.com).



**Plan Now for CRCA's Trade Show & Seminars**—It's coming faster than we think . . . Roofing Week in Chicago. The CRCA's Chicagoland Women in

Roofing and Emerging Leaders Committees both have programs planned for Wednesday, January 16. The CAC-RCI has their annual education day the same day as well. Then, CRCA's Roofing Industry Breakfast kicks off the CRCA's Trade Show & Seminars on Thursday, January 17, with education and exhibits all day and Friday morning too. Registration opened November 15 and attendance at the show looks to be great again. Don't miss this year's program. Visit [www.CRCA.org](http://www.CRCA.org) to register.



**The CRCA Foundation is pleased to announce that Knickerbocker Roofing & Co. Inc.** has joined the foundation at the Bronze Level in December. With the mission of advancing and supporting the construction, roofing and waterproofing industry in Chicago area by funding and supporting philanthropic causes, research and education.

*The CRCA Foundation is registered with the Secretary of State of Illinois as a charitable, not-for-profit corporation (No. 7122-868-1) and with the US Internal Revenue*

*Service as a 501(c)(3) tax-exempt organization, Federal Tax ID# 82-2888590.*

Please contact Jessica at 708-449-3340 or [crcafoundation@crca.org](mailto:crcafoundation@crca.org) to learn more or become a foundation member today!



**NRCA/CRCA working with Ronald McDonald Houses**—CRCA Past

President Rod Petrick, President of (NRCA's) Roofing Industry Alliance for Progress and owner of Ridgeworth Roofing, Frankfort, Ill., issued a challenge for Alliance and NRCA members in 2017, to adopt the roofs of 165 standalone Ronald McDonald houses in the U.S. by Nov. 30, 2018. CRCA Contractor Members Peterson Roofing, Prusak Construction & Roofing and Showalter Roofing Services have volunteered to adopt the Winfield site, across from Northwestern Central DuPage Hospital. George Patterson, Bennett and Brosseau Roofing, (NRCA Board and Committee Member) took on the Ronald McDonald House near Loyola Medical Center in Maywood.

**CRCA & NRCA History**—CRCA recently completed its Annual Awards Dinner. One Award, the "Clyde Scott Award" is named for the deceased President of Empire Roofing, a once large roofing contractor in Chicago.

Clyde was a CRCA President and also active at the National Roofing Contractors Association (NRCA).

During Clyde Scott's time serving at the NRCA, he and fellow CRCA friend Myron Powell (M.W. Powell Company, Inc.) were on the search committee to find a new 'Executive Secretary' for NRCA in 1957. They chose the then current CRCA Executive Secretary Fred Good, in 1957 to be the new NRCA Executive Secretary. In 1988, Fred Good retired and his son, Bill Good, took over as NRCA's next leader. Bill retired from NRCA last year.

Throughout NRCA's history, CRCA Leaders have been involved. They were on the charter documents when NRCA was formed as CRCA pre-dates the NRCA. CRCA Members continue to serve on the Executive Committee, Board of Directors, and Committees. Several CRCA Members have been NRCA presidents too.

**NWIR & RCI Cooperative Agreement**—National Women in Roofing (NWIR) have signed a cooperative plan to further the promotion, outreach, shared purposes, and over-arching goals of the two organizations. Designed to strengthen the mutual interests of the associations and the building envelope industry at large, the cooperative agreement advocates for a combined total of almost 5,000 members in North

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America. Through the agreement, RCI becomes NWIR's first Affiliated organization.

The two groups have pledged to support one another's publications, meetings, and membership recruitment efforts through a series of initiatives, including shared promotion and resources support.



### CRANE STANDARD FINAL RULE ANNOUNCED

OSHA's final rule for Cranes and Derricks in Construction was published in the Federal Register on November 9<sup>th</sup>, 2018. Apart from modification of some terms and reorganization of the standard, the amendments include two key changes:

1. Certification will no longer need to be based on type and capacity, rather "type and capacity", OR "type" will be acceptable.
2. The employer will have a duty to ensure that each operator is trained, certified/licensed, and evaluated. This is different than the original 2010 standard, which required employers to provide training and ensure operator competency until November 10, 2018, which was the deadline for operator certification. The final rule establishes the employer's ongoing duty to train and evaluate operators, beyond the achievement of certification/licensing.

Except for the evaluation and related documentation requirements, the final rule was effective on December 10, 2018. Employers have until February 7, 2019 to fulfill the evaluation and related documentation requirements. Visit [www.CRCA.org](http://www.CRCA.org) to learn more after January 1 or visit:

- <https://www.osha.gov/ooc/1218-AC96CraneOperatorFinalRule.pdf>
- <https://www.osha.gov/news/newsreleases/trade/11052018>

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## CRCA Code & Standards Corner

**Fire-Resistance Maintenance & Roofs?**—CRCA's Bill McHugh spoke at the ICC Expo on fire-resistance and reaction to fire, with a focus on maintenance. What does a fire-resistance presentation have to do with the Chicago Roofing Industry? CRCA Members, this might be an opportunity to service your clients with your knowledge of roofing systems. Check out the article in this issue of *CRCA Today*.

**ICC Annual Conference**—The International Code Council's Annual Conference and Building Safety & Design Expo (BSD) opened this October in Richmond, VA with huge success.

Elections were part of the Annual Conference. Newly elected ICC Board of Directors President, William Bryant, spoke on the importance of preparing for the construction industry of the future. After being elected president, he then opened the code development public comment hearings with great humor. "Let's make sausage", he said, referring to the process of debate at the code development hearings.



ICC's new President, Bill Bryant. ICC Photo

CRCA was present again at the ICC Code Development Public Comment Hearings for the 2021 ICC Codes. We debated several proposals that were meant to add more protection for firefighters on the roof. Now it's on to the International Energy Conservation Code Development Process that starts up with proposals due Jan. 14. Here we go again.

**Building Envelope Cavity Wall Standard being Revised**—FM Approvals is reviewing the Following disastrous fires related to ACM wall assemblies, such as the Torch Tower in Dubai, the Grenfell Tower in the U.K., and the Lacrosse Tower in Melbourne, Australia. FM Approvals has added a 16-ft. PPT to FM 4411, *Approval Standard for Cavity Walls and Rainscreens* and will change the name to **Approval Standard for Cavity Wall Systems**. Check out the changes in FM's full article in its *Approved Product News*, October issue at [www.FMApprovals.com](http://www.FMApprovals.com).

**FM Promotes Phil Smith**—Phil Smith, an FM Approvals Vice President, took over as the manager of the Building Materials Group recently. Phil's previous position was Assistant Vice President and Principal Engineer. He also served as a Technical Team Manager (TTM) for the Building Materials Group.

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## CRCA Contractor Members

The Contractor Members of the Chicago Roofing Contractor Association install all types of roofs, including reflective single ply, modified bitumen, built up, gravel, reflective coatings, shingle, shake, slate and tile, vegetative garden or photovoltaic coverings. From formation following the Great Chicago Fire of 1871, CRCA Members have moved with the times and technology, yet continue to maintain some of the same goals set forth over 140 years ago. To find a CRCA Professional Contractor, visit [www.CRCA.org](http://www.CRCA.org).

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**Eagleview-Pictometry**.....(866) 659-8439, x5561  
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**Emergent Safety Supply**.....(630) 406-9666  
**Epilay Inc.**.....(310) 320-6300  
**ERSystems**.....(800) 878-7876  
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**Everroof**.....833-EVERROOF  
**FCS Roofing Software**.....(855) 633-3327  
**Firestone Building Products**.....(800) 428-4442  
**FlashCo**.....(866) 323-5274  
**Franklin International/Titebond**.....(614) 445-1855  
**FT Synthetics Inc.**.....(604) 594-3493  
**Gaco Western**.....(262) 951-0237  
**GAF Materials Corporation**.....(630) 241 5372  
**Garlock Chicago**.....(630) 521-9645  
**Garth Building Products & Services Corp.**.....(708) 564-5137  
**Garza Roofing Equipment and Supply**.....(630) 229-4440  
**GCP Applied Technologies**.....(617) 498-4470  
**Gemco Roofing & Building Supply**.....(708) 544-1444  
**Geocel / Kool Seal**.....(800) 348-7615  
**Georgia-Pacific Gypsum LLC**.....(404) 652-2592  
**Giuffre Brothers Cranes**.....(708) 656-9200  
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**H.B. Fuller Company—Roofing Products Group**.....(517) 841-7000  
**Hapco Inc.**.....(800) 345-9353  
**Hart & Cooley Roof Product Systems—Portals Plus, RPS & Milcor**.....(800) 624-8642  
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<b>Hunter Panels</b> .....(888) 746-1114	<b>Panasonic US</b> .....(201) 423-3154
<b>IB Roof Systems</b> .....(800) 426-1626	<b>Paramount Adjusters Inc.</b> .....(800) 593-2452
<b>ICP Building Solutions Group</b> .....(330) 753-4585	<b>Petersen Aluminum Corporation</b> .....(800) 722-2523
<b>IKO</b> .....(248) 804-9965	<b>Pinnacle Sales Corporation</b> .....(262) 514-2181
<b>Illinois Custom Copper Install Copper &amp; Sheet Metal Fabrication</b> .....(815) 409-7414	<b>PlyGem Roofing</b> .....(844) 679-3745
<b>Industrial Cork Company, Inc.</b> .....(630) 832-2803	<b>Polyglass U.S.A, Inc.</b> .....(847) 431-6005
<b>Inland Coatings</b> .....(515) 993-4251	<b>Prairie State Exterior Products</b> .....(708) 754-9339
<b>INSULFOAM</b> .....(402) 624-6611	<b>Primeline Tools Inc.</b> .....(905) 671-4788
<b>Interior Protection Inc.</b> .....(630) 530-4920	<b>Pro Fastening Systems Inc.</b> .....(847) 577-7185
<b>International Leak Detection, LLC</b> ..(866) 282-LEAK (5325)	<b>Progressive Materials</b> .....(812) 725-5833
<b>IR Analyzers / Vector Mapping</b> .....(800) 879-1964	<b>Protecto Wrap</b> .....(800) 759-9727
<b>ISI Building Products</b> .....(866) 698-6562	<b>Quarrix Building Products</b> .....(800) 438-2920
<b>JJ Superior Metal, Inc.</b> .....(708) 544-3757	<b>Raindrop Gutter Guard</b> .....(800) 816-0199
<b>Johns Manville Roofing Systems</b> .....(224) 325-2524	<b>RainTrade Corporation</b> .....(847) 283-0006
<b>Karnak Corporation</b> .....(732) 388-0300	<b>Richards Building Supply Company</b>
<b>Kemper System</b> .....(612) 269-0649	<b>Calumet City</b> .....(708) 891-2211
<b>Kirsch BP/Sharkskin</b>	<b>Chicago/Belmont Ave.</b> .....(773) 499-7177
<b>Roof Underlayments</b> .....(805) 750-0084	<b>Corporate</b> .....(773) 586-7777
<b>Lakefront Roofing Supply</b> .....(773) 509-0400	<b>Joliet</b> .....(815) 725-2458
<b>Lakeshore Recycling Systems</b> .....(773) 681-8811	<b>Riordan &amp; Scully Insurance Service LLC</b> ..(630) 468-5400
<b>Leading Edge Safety</b> .....(816) 585-7722	<b>Rockwool</b> .....(905) 878-8474
<b>Leister Technologies</b> .....(630) 760-1000	<b>Roofmaster Products Company</b> .....(800) 421-6174
<b>Lift Works, Inc.</b> .....(630) 833-4626	<b>Runnion Equipment Company</b> .....(708) 447-3169
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<b>Midwest Roofing Supply</b>	<b>Sno Gem, Inc.</b> .....(815) 477-4367
<b>Naperville</b> .....(630) 637-0750	<b>Solatube International</b> .....9800) 866-7682
<b>Schaumburg</b> .....(847) 241-2000	<b>Soprema, Inc.</b> .....(330) 334-0066
<b>Waukegan</b> .....(847) 249-3328	<b>Southwind RAS, LLC</b> .....(630) 233-5700 x119
<b>Midwest Siding Supply, Inc.</b> .....(630) 897-2333	<b>Sunset Logistics, LLC</b> .....(847) 658-4342
<b>Mold Solutions</b> .....(815) 469-8877	<b>TAMKO Building Products Inc.</b> .....(800) 641-4691
<b>Mule-Hide Products Co., Inc.</b> .....(815) 641-8548	<b>Tarco</b> .....(800) 365-4506
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<b>Novagard Solutions</b> .....(800) 380-0138	<b>Tile Inc Brand</b> .....(800) 388-8728
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<b>OMG Roofing Products</b> .....(800) 633-3800	<b>The Horton Group</b> .....(708) 845-3000
	<b>Tremco Inc.</b> .....(800) 282-4343
	<b>TRS Group</b> .....(815) 521-1194

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<b>United States Gypsum</b> .....(312) 961-9935
<b>Velux America</b> .....(864) 941-4770
<b>Versico</b> .....(800) 992-7663
<b>Viking Barriers</b> .....(312) 664-3810
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<b>Klein and Hoffman, Inc.</b> .....(312) 251-1979
<b>Legat Architects</b> .....(630) 645-1906
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<b>Vac-It-All Services, Inc.</b> .....(314) 487-5600
<b>Velocity Roof Vac Service Inc.</b> .....(630) 936-2421

# Industry Calendar

## January 16, 2019

Chicago Area Chapter of RCI, Inc.  
Annual Meeting  
Hamburger University, Oak Brook  
[www.cac-rci.org](http://www.cac-rci.org)

## January 17-18, 2019

CRCA Annual Trade Show & Seminars  
Drury Lane, Oakbrook Terrace, IL  
[www.CRCA.org](http://www.CRCA.org)

## February 11-13, 2019

NRCA Annual Convention, Nashville, TN  
[www.theroofingexpo.com](http://www.theroofingexpo.com)

## February 26, 2019

CSI Chicago Meeting: Building Enclosure  
[www.csiresources.org/chicagochapter](http://www.csiresources.org/chicagochapter)

## March 4-5, 2019

ASA Chicago / Construction Safety Council  
Expo & Safety Conference  
Drury Lane Conference Center, Oakbrook Terrace  
[www.asachicago.org](http://www.asachicago.org)

## March 12, 2019\*

CRCA Membership Meeting & Lunch  
[www.CRCA.org](http://www.CRCA.org)

## March 12, 2019

CWIR Meeting  
[www.CRCA.org](http://www.CRCA.org)

## March 14, 2019

RCI Expo  
Orlando  
<https://rci-online.org>

## March 26, 2019

CSI Chicago, Chicago Building  
Code Update: Frydland  
[www.csiresources.org/chicagochapter](http://www.csiresources.org/chicagochapter)

## March 28, 2019\*

CRCA Emerging Leader Event  
Pinstripes, Oak Brook  
[www.CRCA.org](http://www.CRCA.org)

## April 3-4, 2019

NRCA Roofing Day in DC  
[www.nrca.net](http://www.nrca.net)

## May 2, 2019

CWIR Event: Anniversary  
[www.CRCA.org](http://www.CRCA.org)

## May 10, 2019

CAC-RCI Meeting  
[www.cac-rci.org](http://www.cac-rci.org)

## May 14, 2019\*

CRCA Membership Dinner: Scholarship  
[www.CRCA.org](http://www.CRCA.org)

\*CRCA Members only and their guests.

Not a CRCA Member? Visit [www.CRCA.org](http://www.CRCA.org) for membership information.

**CRCA welcomes the following new members since the Fall CRCA Today Issue!**

### Contractor Member:

Industry Elite

### Associate Members:

MBI Tools  
Viking Barriers

To learn more about these firms, visit [www.CRCA.org](http://www.CRCA.org) and visit the member list! To learn more about CRCA Membership benefits by contacting [info@CRCA.org](mailto:info@CRCA.org)!



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