SUMMER 2021

The Magazine of Roofing and Waterproofing in Illinois and Beyond

SAFETY & SYSTEMS:
OSHA – Funding / Inspector Increase
OSHA Roofing Safety Guidelines
Four-Wheeled Cart Safety



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Online: Archived CRCA Today available at http://www.crca.org, Magazine.

On the Cover: Photo courtesy of Building Technology Consultants, Inc. The roofing system is a Sika Sarnafil Adhered Membrane G410 PVC Fleeceback 60-mil Roofing System installed at the Lake Geneva Abbey Resort by CRCA Contractor Member Olsson Roofing Company Inc. BTC and Olsson collaborated on this modern solution when replacing the previous shingle system on the multiple roof areas throughout the resort with the Sika décor system.



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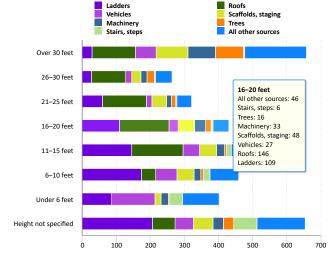
Safety First

By CRCA Staff

er the National Institute for Occupational Safety and Health (NIOSH), falls remain the leading cause of work-related deaths in construction, estimated to be one in three of the construction fatalities. Roofing contractors say "Not Me! It can't happen to us!", but statistics show that safety is not always the number one priority.

What are some examples of where safety in roofing and construction is lagging?

- Small employers with less than 20 workers account for 75% of the fatal falls between 2015 and 2017. Some feel that this is due to the lack of resources or ability to invest in safety measures as effectively as larger businesses. (NIOSH)
- Hispanic construction workers saw a huge 90% jump in fatalities, from 2011 to 2019 even though this segment only accounts for 28% of the workforce, outpacing this segment's employment growth. (NIOSH)
- Fatal falls occur from any level. Per the U.S. Bureau of Labor Statistics (BLS), while fatalities are greatest from over 30 feet, roofing workers get killed from falls from lower heights too.



Fatal work-related falls to a lower level by source and height of fall, 2011-16

U.S. Bureau of Labor Statistics graphic

Smart roofing contractors invest in time and resources to make the jobsite safer for their employees. They take advantage of the best fall protection equipment, safety training and mandate best practices to make sure their workers get home safely each day. As CRCA Health & Safety Committee Co-Chair Kevin Froeter (Sterling Roofing Company) states his company's motto is "Safety the Only Choice". As a people-focused company, Froeter says "Safety is our first priority."

The committee's other Co-Chair, Frank Marino (Safety Check Inc.), has spent his entire career educating on roofing safety and helping contractors create a company safety culture that becomes second nature with the workers and staff.

One of the pillars in CRCA's mission is to "provide for the mutual exchange of practical and educational information . . ." and this includes safety education. Learn more about CRCA and the benefits of membership by reaching out to info@crca.org or visiting CRCA.org today.

References:

https://www.cdc.gov/niosh/construction/statistics.html

https://www.bls.gov/opub/ted/2018/fatal-workrelated-falls-to-a-lower-level-increased-26-percent-from-2011-to-2016.htm



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OSHA Looking to Increase Funding . . . Including More Inspectors

By Frank Marino



Frank Marino

ith new administrations come new priorities. During the Trump administration, OSHA existed in a state of stagnation. A permanent Secretary of OSHA was never confirmed, which resulted in a rudderless ship with no clear direction. Four years later, things appear to

be a lot different. Not only has President Biden made his pick to head OSHA at the federal level (Doug Parker-the current head of California OSHA), but the administration has requested a 12% increase in funding for the next Fiscal Year.

The request, that was made on May 28, 2021, allocates \$664.6 million to OSHA for the Fiscal Year 2022. The agency had revised an enacted budget of \$591.2 million in Fiscal Year 2021 (Safety & Health, 2021). Most notably, the current request has proposed a 11.3% increase in federal enforcement, from \$228.7 million to \$254.6 million. That enforcement budget includes 155 new OSHA inspectors. This no doubt will result in more inspections across the country and across all industries. To provide some perspective, in Fiscal Year 2019, OSHA had the fewest number of inspectors (752), which was the fewest number of inspectors in the past 50 years (Safety & Health, 2021). Although there was a slight increase in inspectors in the Fiscal Year 2020, it was still a number significantly lower than in previous years.

Not everyone is in favor of this proposed increase, which includes the Senate Appropriations Committee Vice Chair Senator Richard Shelby (R-AL). In a statement from Senator Shelby, he stated:

"President Biden's FY22 budget request is a blueprint for higher taxes, excessive spending and disproportionate funding priorities the American people can expect from his administration over the next four years. Thankfully, the president's proposal is simply that–*a* proposal. In the forthcoming weeks, Congress will exercise its constitutional power of the purse in crafting appropriations bills that, I hope, will appropriately prioritize our nations spending" (Safety & Health, 2021).

Understandably, the current Secretary of Labor, Marty Walsh, has a much different view of the proposal. He recently stated:

"The President's budget renews the Department of Labor's commitment to help America's workers, particularly those from disadvantaged communities, find pathways to high-quality, good-paying jobs. The President's initiatives also restore the departments capacity to protect the health, safety, rights and financial security of all workers. Additionally, the American Jobs Plan's investments further enhance the department's ability to meet its mission by creating pathways to millions of high-quality jobs and rebuilding our country's infrastructure" (Safety & Health, 2021).

We will see where this all ends up in the end, but it certainly appears that changes are on the way. You can read the President's budget request at *dol.gov/sites/ dolgov/files/general/budget/2022/FY2022BIB.pdf.*

References:

Safety & Health Magazine, July 2021

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 and is a co-chair of the CRCA Health and Safety Committee. He is a member of the Occupational Environmental Safety & Health Advisory Board at the University of Wisconsin, working with faculty and safety professionals on curriculum development and industry updates. He can be reached at fmarino@ safetycheckinc.com.



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Using Four-Wheeled Carts in the Roofing Trade–Part One

By University of Washington SHARE Lab

anual carts are being used every day in the roofing trade to transport materials. However, cart handling is a physically demanding task and could cause overexertion when pulling and pushing, a leading cause of work-related musculoskeletal disorders (WMSDs). In the U.S. construction industry, overexertion from pulling and pushing accounts for about 11.2% of the lost workdays caused by WMSDs.

Roofing Contractor owners may ask why is this important and how can overexertion impact my company? Per the University of Washington's Share Lab, a review of commercial roofing contractor injury logs (with more than 120 employees) found that overexertion caused by cart handling created:

- Substantial Economic Burden: Cart Handling directly caused seven out of forty WMSDs over a four-year period (2015-2018). These injuries caused \$65,405 in medical and indemnity costs, with an average lost time and average cost per claim of 21.2 days and over \$9,000 respectively.
- High Employee Turnover: 71% of overexertion in cart handling occurred with new workers, where 57% then left the company after the injury, affecting the companies' ability to build and retain a young workforce.
- Low Employee Morale: Workers perceived cart operations as strenuous and attributed low morale and reduced productivity to the malfunction of carts.



The first in this series of manual cart use education will provide an overview of Seven Tips for using four-wheeled carts in roofing installation as well as why maintenance of manual carts is key to your roofing operation.

Manual Cart Usage-Seven Safety Tips

Below are seven tips provided by the UW Share Lab in efforts to educate the roofing community on four-wheeled carts to prevent injuries and enhance field performance.

- INSPECT AND MAINTAIN CARTS—Material carts should be properly maintained. Old carts with warped axels, loose turntables, worn tires and broken / deformed bearings should be replaced immediately. Operating an old cart with one of these factors could increase the risk of injury by as much as 30% and decrease productivity by 35%. Cart Inspection Checklist should include:
 - General State of Repairs: good, reasonable or poor
 - Tires: contaminated, pressure, check for wheel deformity, check for bearing contamination
 - Curved Axel: check shortest distance from tire to cart frame
 - Turnable: check if rusted or stuck or loose (maximum horizontal displacement of handle when cart stays stationary)
- ALLOW SUFFICIENT CLEARANCE—Keep and open and clear space for cart operation. A two-foot clearance is needed for each side of passage. When a ramp or obstacle is present, a worker should allow at least two feet to build momentum. The farther back the worker starts, the less likelihood of overexertion.
- BUILD GENTLE RAMPS—The recommended slope for ramp is 4 degrees. Moving a cart over a 4-degree (approximately 1:12) ramp presents little addition risk than over a flat surface. But a ramp soon becomes a hazard when it reaches 8 degrees or more.
- 4. SET UP PROPER RAMPS—Ramps should be stable running slope and landings without gaps, obstacles, and ridges. Secure boards with screws or nails

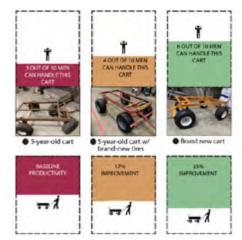
to stabilize and use heavy sheets of membrane to bridge gaps. Small changes = big results

- REDUCE OBSTACLES—Remove any obstacle higher than ³/₄ of an inch (i.e., thickness of one sheet of plywood).
- TEAMWORK—Use a team to pull/push cart loads to minimize risk of overexertion. The team size will depend on the cart loads and presence of such factors as space constraints, obstacles, and ramps.
- JOB ROTATION This can prevent workers from being exposed to particular ergonomic stressors for an extended period of time. Workers should be assigned to handle carts no more than 2 hours within an 8-hour shift.

Cart Conditions And Maintenance

Roofers rely on carts to handle heavy materials, but aged equipment can do more harm than good. Using an aged cart not only increases the risk of overexertion, but also negatively impacts employee morale. Preventative maintenance is key and can provide long-term benefits.

- Carts that have outlived life expectancy
- Loose rusted turntables, bent axles, contaminated tired and broken / deformed bearings are usually seen after years of service and will adversely impact performance. See the following diagram for comparisons of ergonomic and productivity performance under three different conditions:



University of Washington Sharelab graphic: The results are based on experiments measuring mean hand force when four-wheeled carts loaded with 500, 750 and 1,000 lbs. were operated by one person over 18 ft. of concrete flat floor.

Time For Cart Replacement?

The general rule of thumb is to replace carts every five years or when the following occurs before:

- Contaminated tires
- Broken or deformed bearings
- Curved axels
- Loose / Rusted turntables

ROI on Preventative Maintenance

Some contractors wonder if preventative replacement is worth the investment. See the information below collected below from a roofing contractor utilizing 14 four-wheeled carts for roofing installation:

| COST ITEMS | CONTINUE USING AGED CART | TIRE REPLACEMENT (Every 5 years) | CART REPLACEMENT (Every 5 years) |
|--|---|---|---|
| Cost to purchase* | \$0 | \$1,478 | \$3,284 |
| Cost to maintain* | \$2,100 | \$1,050 | \$350 |
| Labor cost* | \$21,714 | \$18,023 | \$14,114 |
| Injury cost* | \$16,351 | \$14,716 | \$11,446 |
| Total estimated annual costs | \$40,165 | \$35,267 | \$29,194 |
| Estimated Return on Investment over 5 years | Baseline | \$24,491 | \$54,854 |
| Notes | \$2,100 = 6 hrs. per cart x 14 | \$1,478 = \$132 EA x 56 tires / 5 years | \$3,284 = \$1,173 EA x 14 carts / 5 years |
| | carts x \$25 hourly rate \$21,714 = 258.5 hrs. of cart use | \$1,050 = 3 hrs. per cart x 14 carts x \$25 hourly rate | \$350 = 1 hour per cart x 14 cars x \$25 hourly rate |
| x 10% on pulling / pushing x 14 carts x 2 workers x \$30 hr. wage | | \$18,023 = \$21,714 x (1–17%), save 17% labor time after tire replacement | \$15,851 = \$21,714 x (1–35%), save 35% labor time after cart replacement |
| | \$16,351 = injury cost from cart handling | \$14,716 = \$16,351 x (1–10%), reduce 10% injury rate after tire replacement | \$11,446 = \$16,351 x (1-30%), reduce 30% injury rate after cart replacement |

*Annualized

The results show that cart replacement is the most cost-effective option and can save \$54,854 every 5 years over continue to use aged carts.

Graphics and Photo courtesy of UW SHARE Lab

The University of Washington's Safety and Health Advancement through Research and Education (SHARE) Lab promotes construction safety and health through evidence-based innovation in research, education, and practices. The SHARE Lab creates new knowledge, learning resources, and practical solutions through industry partnerships and by using technology intervention. To learn more, visit: https://share.be.uw.edu.



PLAN PROVIDE TRAIN

Three simple steps to preventing falls.

PLAN, PROVIDE AND TRAIN-OSHA's Fall Prevention Campaign

FALLS ARE THE LEADING CAUSE OF DEATH IN CONSTRUCTION. In 2018, there were 320 fatal falls to a lower level out of 1,008 construction fatalities (BLS data). These deaths are preventable.

Since 2012, OSHA has partnered with the National Institute for Occupational Safety and Health and National Occupational Research Agenda (NORA) -Construction Sector on the Fall Prevention Campaign to raise awareness among workers and employers about common fall hazards in construction, and how falls from ladders, scaffolds and roofs can be prevented.

PLAN ahead to get the job done safely

When working from heights, employers must plan projects to ensure that the job is done safely. Begin by deciding how the job will be done, what tasks will be involved, and what safety equipment may be needed to complete each task.

When estimating the cost of a job, employers should include safety equipment, and plan to have all the

necessary equipment and tools available at the construction site. For example, in a roofing job, think about all of the different fall hazards, such as holes or skylights and leading edges, then plan and select fall protection suitable to that work, such as personal fall arrest systems (PFAS).

PROVIDE the right equipment

Workers who are six feet or more above lower levels are at risk for serious injury or death if they should fall. To protect these workers, employers must provide fall protection and the right equipment for the job, including the right kinds of ladders, scaffolds, and safety gear.

Use the right ladder or scaffold to get the job done safely. For roof work, if workers use personal fall arrest systems (PFAS), provide a harness for each worker who needs to tie off to the anchor. Make sure the PFAS fits, and regularly inspect it for safe use.

TRAIN everyone to use the equipment safely

Every worker should be trained on proper set-up and safe use of equipment they use on the job. Employers must train workers in recognizing hazards on the job. Visit OSHA.gov to download OSHA training materials in English, Spanish and other languages.



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Should Employers Mandate COVID-19 Vaccines?

By Trent Cotney



Trent Cotney

hen COVID-19 vaccines were rolled out in early 2021, many people had questions: What are the requirements? How much will vaccines cost? Will they be effective? But in subsequent months, those questions have been replaced with new ones: Will employees be receptive

to getting vaccinated? And can employers mandate those vaccines?

What the Law Says

According to the U.S. Equal Employment Opportunity Commission (EEOC), federal laws allow employers to require COVID-19 vaccination for all employees physically present in the workplace. However, employers must provide reasonable accommodations to comply with the Americans with Disabilities Act (ADA), Title VII of the Civil Rights Act of 1964, the Genetic Information Nondiscrimination Act, and other employment considerations. Employers should be aware, however, that local laws may result in additional restrictions. If you are doing work in Illinois which allows employers to mandate vaccines, but are also doing work in other states, make sure to check the state laws to determine if there are employer prohibitions against mandating vaccines.

In addition, federal laws allow employers to offer reasonable incentives to employees who receive the vaccine and voluntarily provide documentation. This confirmation may be supplied by a healthcare provider, pharmacy, public clinic, or other community agency. However, employers must keep this vaccination information confidential.

If employers choose to offer a voluntary vaccine program, the incentives cannot be so extravagant as to be seen as coercive. Here's why: Before receiving vaccinations, employees must complete screening questions that could disclose a disability or confidential genetic information, so an overly generous incentive could pressure employees to reveal protected medical information or could potentially be seen as discriminatory to those unable to receive a vaccine for medical or religious reasons. A \$50 gift certificate is usually deemed acceptable, however the EEOC does not provide a specific limit for employers regarding these incentives.

Employers are also permitted to provide employees and their family members with educational information about COVID-19 vaccines and spread awareness about their benefits.

One detail that makes the COVID-19 vaccine more confusing is its emergency use authorization (EUA) designation. Some employers believe that since the vaccine does not have full approval from the U.S. Food and Drug Administration (FDA), as the flu vaccine does, they should not mandate it for employees. However, the Department of Justice, Office of Legal Counsel recently clarified that the vaccine's EUA status does not prohibit employers from requiring it.

Accommodating Employees

Many employees have been eager to receive COVID-19 vaccinations, and they are enthusiastic about their employers' incentives. However, there are many other employees who are either hesitant to receive the vaccine or entirely against it. These reactions can be challenging for employers who want to ensure that their workplaces are safe.

Employees may be pregnant, have other medical concerns, live with a disability, or take prescriptions that make getting the vaccine problematic. In those cases, according to the ADA, employers should make every effort to accommodate them. This process may require meeting with such employees individually and determining acceptable solutions, such as working remotely, having a private office, or alternating work schedules to minimize contact with others. However, employers must use caution in inquiring about employees' medical issues since the questions could violate applicable privacy laws.

Other employees may follow a religion that prevents them from being vaccinated. According to Title VII of the Civil Rights Act, employers should respect those beliefs and offer accommodations.

In addition, employers need to consider workers who are union members and review any applicable collective bargaining agreements. Employers should also check individual employment contracts for any language related to a vaccine requirement.

Company and Agency Decisions

Although the vaccine is readily available across the nation, there are employees of all backgrounds who have yet to be vaccinated. As of August 12, only 59.4% of the U.S. population has received at least one dose of the COVID-19 vaccination, and 50.6% are fully vaccinated. To many employers, these statistics are alarming since COVID-19 cases are on the rise in many states, especially as the highly contagious Delta variant continues to spread.

Some large companies are beginning to issue mandates. For example, Walmart announced that specific employees who travel and all employees who work in the Bentonville, Arkansas headquarters must be vaccinated by October 4, unless they have exceptions. At the end of July, Disney issued a 60-day vaccine deadline to all its U.S. salaried and non-union hourly employees. In addition, both Google and Facebook have decided that employees must be vaccinated before returning to the office. Meanwhile, Lyft and Uber mandated vaccines only for white-collar employees, setting different policies for workers physically present in offices and those who deal with the public.

Over the summer, President Biden announced that all federal employees and federal contractors on project sites must confirm they are vaccinated or comply with wearing mask and obtaining regular testing. Many local governments and healthcare facilities have followed suit.

Recent Cases in the News

A large number of employees are standing firm on their decision not to be vaccinated. This refusal is putting mandates to the test. Recently, CNN terminated three employees who came to the office but were not vaccinated, which violated the company policy. In addition, more than 150 employees of Houston Methodist were fired or resigned after the hospital system announced the COVID-19 vaccine as a condition of employment and gave employees two weeks to comply. A group of workers then filed a lawsuit against the hospital, but a judge dismissed it.

Advice for Employers

The COVID-19 pandemic has proven challenging for everyone—employees and employers alike. People from all states and backgrounds and political affiliations have lost family members and friends, suffered health crises, seen profits and income fall, experienced isolation, and worried for their futures. As a result, it can be tempting to enact a vaccination mandate to protect your business. However, before you adopt a zero-tolerance policy, consider your company culture. If you set a rule and insist everyone follow it, you could hurt morale. But if you have a hands-off approach, your employees and customers may be at risk. Consider who your workers are and think about their motivations. You can encourage the vaccination via incentives, but you should also accommodate employees who cannot comply.

Keep in mind that there are also liability concerns. If you mandate vaccinations and employees experience side effects, they could try to hold you accountable. However, if you do not set a mandate, workers exposed to unvaccinated colleagues could claim a lack of safety protocols. Whatever policy you decide on, be certain to treat all your employees equally and provide fair accommodations, so there can be no claim of discrimination or bias. Your priority should always be the safety and health of your business and your people.

Disclaimer: 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.

Trent Cotney, CEO of Cotney Attorneys & Consultants, is an advocate for the roofing industry, and is General Counsel of CRCA and NRCA. For more information, contact the author at 866.303.5868 or go to www. cotneycl.com.

Roof Talk—Contractor



Company: Prusak Roofing Inc. Location: Bridgeview, IL Business Founded: 1964 Number of Employees: 7 Joined CRCA: February 2001

What Services Does Your Business Offer?

Commercial and Residential Installation of roofing, siding and gutters

Where Do You See Your Business in 10 Years?

We hope to continue to grow throughout the Chicago area, serving new and repeat customers, and perhaps open another branch or two in other states.

What Is Your Best Business Memory to Date?

It's hard to pinpoint a favorite memory, but one that resonates from time to time is when a past customer calls to put on another roof for them. Not only are we thrilled that they reached out to us again, but it is so touching when they ask about our father, Eugene, who installed their roof many years ago, or mention our mom, Dorothy, who answered their calls and questions. It's great to be part of a multi-generational family business with customers who return to us for their second or third roofs.

How Did You Learn About CRCA?

Our mom, Dorothy, learned about the CRCA from a mailing. She joined because she believed the CRCA would provide us with opportunities to learn more about the local industry, network with other roofing professionals, and give us credibility with our customers by demonstrating that we were part of a local, professional organization.

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

The CRCA designs their events to provide attendees with a chance to learn and share information pertinent to their business, meet new people in the industry and have a great time doing it. When we attend CRCA events, not only do we come away with learning something new that we can directly apply to our business, but it is a great way to reconnect with old friends in the business.

What Value Does CRCA Membership Bring to You?

CRCA membership brings value not only in providing us with guidance, information and education about the local roofing industry, but it also serves as a sales benefit when meeting with potential customers. We explain to our customers what the CRCA is and how it benefits our business. Customers appreciate that we seek to expand our roofing industry knowledge knowing that it will have a positive impact on the work we do for them.

Editors Note: Prusak Roofing is owned by Mike and Jim Prusak. Jim has served as a CRCA director and officer since 2015 and also serves as the CRCA Steep and Shingle Committee Chair.



Roof Talk—Associate

Celebrating 20 Years of Success!



Company: International Leak Detection **Location:** 2060 E Algonquin Road, Suite 710– Schaumburg IL 60173 **Business Founded:** 2001

Number of Employees: 15 Joined CRCA: 2009

What Services Does Your Business Offer?

Passive and active leak detection systems for roofing and waterproofing membranes

Where Do You See Your Business in 5-10 Years?

Continue to provide quality field testing and monitoring systems to the roofing and waterproofing industry.

What Is Your Best Business Memory to Date?

Oh, there are many. I would have to go back many years when I was introduced to the roofing trade as a young lad. Being part of a crew and working up the ranks, installing quality roof systems. Although we don't smell the smell of asphalt as much anymore, I think that the saying from my older mentor "once the smell and smoke of roofing asphalt surrounds you, you will be hooked for life" holds true! However, introducing the leak detection concept to the North American roofing and waterproofing trade 20 years ago would top that. Our success story would not have been possible though, without the support of our clients and the amazing and dedicated ILD team!

How Did You Learn About CRCA?

Through our clients in the area that are CRCA members.

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

Attending the training seminars at the yearly CRCA tradeshow and seminars are very informative for me and our team members. And by exhibiting at the tradeshow, it allows us to reconnect with many of our client on a yearly basis.

What Value Does CRCA Membership Bring to You?

Receiving the ever-changing updates related to the roofing and waterproofing industry and the support from fellow members.

What Advice Would You Give a New CRCA Member?

Get involved at some level in the association and don't be afraid to reach out to fellow members for advice or support. There is a wealth of knowledge with this group.

OSHA, Heat-Hazards, and What Can Be Done to Prevent Worker Heat Related Illness and Unnecessary OSHA Citations and Fines

By Benjamin Lowenthal



Benjamin Lowenthal

ith summer underway, it is important for roofing contractors to develop and implement a plan to address heat-related hazards. Having a plan in place, and implementing that plan, will not only protect employees from heat-related illness but will also protect roofing

contractors from unnecessary OSHA citations and fines.

For over a decade, OSHA has waged its Heat Illness Prevention campaign to address heat-related illness and fatalities in the workplace. And now under the Biden Administration, heat illness prevention is a key regulatory agenda item for OSHA. Roofing contractors can expect more inspections and citations this summer for failing to provide adequate heat-related illness prevention to their employees. Act now to prevent these unnecessary citations and fines.

Because there is no specific OSHA standard governing heat-related hazards, OSHA relies upon the general duty clause of the Occupational Safety and Health Act when citing contractors for heat-related hazards. The general duty clause requires employers to provide their employees with a place of employment that "is free from recognized hazards that are causing or likely to cause death or serious harm to employees." Under the general duty clause, roofing contractors have a duty to protect workers from recognized serious heat related hazards. At a minimum, every roofing contractor should have in place heat-hazard training and a plan to abate an excessive heat hazard which should include: (1) loosely worn reflective clothing; (2) a work/rest regimen; (3) providing water and shade; (4) monitoring employees; and (5) an acclimatization protocol that allows employees to gradually increase time spent in hot conditions and build up tolerance to working in the heat. It is recommended that each roofing contractor take the time now, before the full summer heat, to review OSHA's Using the Heat Index: A Guide for Employers (available here <u>https://www.osha.gov/SLTC/heatillness/</u> <u>heat index/pdfs/all in one.pdf</u>) and develop a heat prevention plan, train workers on how to recognize and prevent heat-related illness, and track the worksite heat index daily and put in place the necessary protective measures. Doing so will not only protect your workers from heat related illness but also protect you from unnecessary and preventable OSHA citations and fines.

In a 2019 case that attracted national attention, Secretary of Labor v. A. H. Sturgill Roofing, Inc., the Occupational Safety and Review Commission (OSHRC) discussed potential liability to roofing contractors under the general duty clause for exposing employees to excessive heat. In the 2-to-1 decision, OSHRC ruled that OSHA failed to prove the conditions at the job site demonstrated the existence of an excessive heat hazard to warrant two OSHA citations issued to Sturgill Roofing following a worker's death from heat stroke. Although the OSHRC ultimately found that OSHA failed to prove the existence of an excessive heat hazard at the job site, it is worth using *Sturgill* as a case study and a guide as how to protect your workers and prevent OSHA citations for heat related hazards.

The case originated on August 2, 2012, when A.H. Sturgill Roofing, Inc., a commercial roofing contractor in Dayton, Ohio, was working on re-roofing project at a PNC branch bank in Miamisburg, Ohio, removing the existing EPDM membrane and Styrofoam insulation. Sturgill Roofing was using an 11-person crew, including three temporary employees from a staffing agency. One of the temporary employees, referred to in the case as "MR," was a 60-year old man with various preexisting medical conditions, including hepatitis C and congestive heart failure.

When work started that August morning, the temperature was approximately 72°F with 84 percent relative humidity. At around 11:40 a.m., after other employees expressed concern about MR to the foreman and the foreman saw MR walking clumsily, MR collapsed and began shaking. The temperature at the time was approximately 82°F with 51 percent relative humidity. Emergency medical personnel were called. They transported MR to the hospital where his core body temperature was measured at 105.4°F. MR was diagnosed with heat stroke and died three weeks later. The coroner said MR's death was caused by complications from heat stroke.

After taking statements from Sturgill Roofing's foreman and crew and collecting weather data, OSHA issued two "serious" citations to Sturgill Roofing on January 16, 2013. The first citation alleged a violation of the general duty clause of the Occupational Health and Safety Act (OSH Act) for exposing full time and temporary employees "to the hazard of excessive heat from working on a commercial roof in the direct sun." OSHA alleged that Sturgill Roofing "failed to develop and implement a heat-related illness prevention program which adequately addressed appropriate clothing for working conditions, a formalized work/rest schedule, worksite monitoring, guidelines for removing employees from hazardous conditions, and acclimatization for new or returning employees."

The principal issues in the A.H. Sturgill Roofing case were whether weather conditions at the PNC bank branch where Sturgill Roofing was working on August 1, 2012 presented an excessive heat hazard and whether abatement measures to reduce a heat hazard were taken. The discussion of whether there was an excessive heat hazard to invoke the general duty clause focused on the National Oceanographic and Atmospheric Administration's (NOAA) National Weather Service (NWS) heat advisory chart. The NWS chart calculates a "heat index" and the likelihood of heat disorders with "prolonged exposure" or "strenuous activity" based on temperature and relative humidity, measuring "how hot it really feels when relative humidity is factored in with the actual air temperature." The NWS heat index chart identifies four different warning levels: "caution," "extreme caution," "danger" and "extreme danger" based on ambient temperature and relative humidity

(available here <u>https://www.weather.gov/safety/heat-index</u>).

The A.H. Sturgill Roofing case highlights the importance of having a heat-related illness prevention plan in place, and implementing that plan, to prevent employee heat-related illness and OSHA citations. For roofing contractors, it is particularly important to assess whether any workers will be working under exposure to full sunshine and whether the NWS heat index and risk level on any given day require more aggressive protective measures to be implemented. Roofing contractors can expect more inspections with the rising temperatures this summer. Be prepared.

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OSHA Roofing Safety Guidelines: Worker Safety on Low-Slope Roofs

By Mark Siwik, AIA, RRC



Mark Siwik



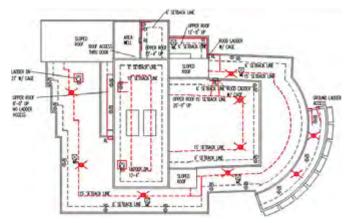
How building owners can achieve OSHA safety requirements using fall protection and fall restraint for all who go on their roofs

- Does your roof have a raised warning line 15 feet from its edge? If not, you're in violation of Occupational Safety and Health Administration (OSHA) roofing standards.
- Do you have skylights? If yes, do they have a guardrail or other protective system? They should, according to OSHA. Same with roof hatches.

These are just a few examples of new OSHA roofing safety guidelines introduced in January 2017. They require "employers to provide protection for each employee exposed to fall and falling object hazards." (Standard 1910.28 (a)(1)).

In other words, it's now the responsibility of the employer to install rooftop protection measures for everyone who goes up on their roofs. Otherwise, employers can eventually get fined . . . or worse.

Below are a few roofing safety items related to OSHA's guidelines. Most of the illustrated examples are from a campus-wide (24 buildings) roofing safety assessment and related upgrades that Legat Architects led for one of Illinois' largest community colleges.



Detail from roofing safety assessment. Red indicates a warning line, drains within six feet of the roof's edge, or ladders that need guardrails.

The Roofing Safety Zones

OSHA has designated three work zones on low-slope roofs with unprotected edges that are four feet or more above a lower level:

The EXTREMELY HIGH DANGER ZONE (less than six feet from the roof's edge) requires one of the following:

Guardrail system

- Safety net system
- Personal fall protection systems (e.g., personal fall arrest, travel restraint, positioning system)
- 42-inch-high parapet

The VERY HIGH DANGER ZONE (six to 15 feet from the edge) requires the same precautionary measures. However, in some circumstances where the work is "infrequent and temporary," building owners can use instead a "designated area" (not just painting a line on a roof).

Ideally, all roof systems that require maintenance are located within the HIGH DANGER ZONE (15 feet or more from the edge) at the middle of the building. This zone provides a first line of defense with a 15-foot warning line. In the Midwest, you cannot simply paint a line on the roof—the first light snow would conceal it. Instead, it should be a line that is 39 to 42 inches high. Typically, lines are yellow so it's clear to those on the roof that they're not supposed to cross that line without OSHA-required restraints.

OSHA still recommends conventional fall protection systems within the high danger zone. Again, if the work is "infrequent and temporary," no fall protection is necessary. However, employers must strictly enforce rules that prohibit workers from going beyond the 15-foot warning lines.



Guardrails create a walkway between a 15-foot warning line and a ladder at a roof's edge.

Guardrails and Ladders

Guardrails are a popular roofing safety option. Typically, rails are installed six feet from the roof's edge. However, if there's something near the edge like a condenser unit the edge that needs maintenance, guardrails must be placed right up to the edge.



Placing bright yellow guardrails around the roof's perimeter can be unsightly. There are ways to achieve OSHA guidelines without doing so. For instance, galvanized rails are less visually intrusive. See larger photo above.

Guardrails also introduce an aesthetic challenge. For instance, some building owners install bright yellow rails around the perimeter of the roof. It meets OSHA standards, but it looks like the facility is constantly under construction and often takes attention away from other parts of the building. There are many alternative products that will help building owners meet OSHA requirements while avoiding this eyesore.

OSHA states that any ladders that rise 24 feet or more require a fall arrest system (e.g., ladder safety system, cage, well) attached to them. That applies to both existing and new ladders. The final deadline for meeting this requirement is November 18, 2036.



Guardrails and cages are two options for skylight safety. Frosted skylight glass prevents those on the inside from seeing the safety devices.

Skylights and Roof Hatches



Roof hatches require rails on three sides—the hatch cover protects the fourth side. This allows the employee to put one hand on a side rail while using the other to open the gate.

Skylights and roof hatches (and any hole four feet or more above a lower level) need to have a cover or guardrail system around them. Skylights often have cages, which are not the most attractive option. However, they are easy and affordable. Moreover, since many skylights use frosted glass, people on the inside cannot see the cages. I recommend that building owners be cautious about skylights that meet OSHA safety requirements—product literature often states these skylights still need fall protection.



Two popular fall arrest systems are the stationary option (left) and the one-person carts (right) that weigh more than 700 pounds and can be moved around a large roof area.

Restraint or fall arrest systems are another alternative for achieving safe roofs . . . especially for those that have many openings. For instance, employees can move around and tie off to a one-person cart. If the employee falls, the device digs into the roof—you'll have a repair, but you won't have any serious injuries.

Stationary fall protection systems can also support employees. However, since the costs of stationary and mobile systems are in the same ballpark, the mobile might be the better option considering that it provides more flexibility.

Another fall restraint system is the roof davit, which provides a cable that personnel can tie to. These have to be tested every 10 years.





Achieving OSHA roofing safety requirements does not mean that your building needs to look like a construction site. This community college facility meets OSHA guidelines, yet the fall prevention and restraint systems blend in.

At the Height of Roofing Safety

According to the U.S. Department of Labor, out 971 construction-related deaths in 2017, 381 (39%) were due to falls . . . falls that may have been prevented with the appropriate safety systems. Statistics like these have compelled OSHA to enlist building owners in achieving more stringent safety measures.

Still, I have talked to many building owners who are surprised that they are responsible for the safety of no matter who steps onto their roofs.

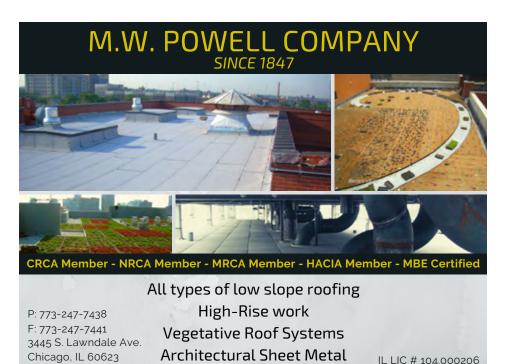
Who is on your building's roof right now? Employees? Contractors? Whoever is up there, they shouldn't be *unless* your facility meets OSHA safety requirements.

Mark Siwik, AIA, RRC is a Building Envelope Specialist at Legat Architects. Siwik has led roofing analysis and repair projects at over 350 facilities. He has also observed construction for many types of buildings during his over 30 years in the architecture and construction industries. For more info, contact Legat.com.

Editor's Note: This article was reprinted in its entirety with permission from Legat Architects from a March 9, 2020 electronic publication. The graphic and photos are courtesy of Legat Architects.



(708)544-1444 www.GemcoRoofingSupply.com



Industry News

By CRCA Staff

CRCA Announces Fall Events:

CRCA Members, if you have not yet updated your CRCA.org login since the April new website launch, do so today! This new login gives you access to event registration and important members only content. Logins are now per member individual and not per company. Contact info@crca.org for help.

Register for the first in-person CRCA Membership meeting, Tuesday, September 14, 2021 at Pinstripes in Oak Brook. This CRCA Member event is sponsored by the CRCA Building Envelope Committee and will feature a panel discussion on Project Sequencing. Register today at CRCA.org. The November 9, 2021 Membership meeting will be at Maggiano's Oak Brook and sponsored by the CRCA Safety Committee. Not a member yet? Learn more at CRCA.org today!

The CRCA Chicagoland Women in Roofing (CWIR) will partner with CRCA Member Omni Ecosystems on September 23, 2021 for an educational and networking event at Omni's new headquarters at 4131 S. State St., in Chicago. Register today at CRCA.org!

CRCA's Industry Day Golf Outing a Success

The threat of rain did not dampen any of the over 280 CRCA Golfers and guests at the annual Industry Day Golf Outing at Silver Lake Country Club. CRCA thanks the over 50 sponsors and many volunteers who participated in this event that has been held for over 60 years.

Visit https://www.crca.org/Events/Golf-Outing to for a complete list of event sponsors, event winners and photos!



2021 CRCA Golf Committee (CRCA Photo) 22 CRCA TODAY /// Summer 2021

CRCA's Contracts & Insurance Committee sponsored an educational seminar and networking event at Revolution Brewing in Chicago in late August. Frank Marino (Safety Check Inc.) and Trent Cotney (Cotney Attorneys & Consultants) presented an overview of General Duty Clauses from a safety and legal perspective. Watch CRCA.org for more info and registration for the October 14, 2021 Emerging Leader event at TopGolf.

Save the Date for the 38th Annual CRCA Trade Show & Seminars!



Cancelled in 2021 due the pandemic, CRCA members, exhibitors and industry friends are eager to gather in person, January 19-21, 2022 at Drury

Lane Oak Brook. Watch for registration to open up at CRCA.org in November!

Carlisle Acquires Henry Company

It was announced on July 19, 2021 that Carlisle is acquiring Henry Company for \$1.575 billion. Henry, a provider of building envelope systems adds to Carlisle's portfolio of construction products. Chris Koch, Carlisle's Chairman and CEO stated "We are particularly excited by our recently announced agreement to acquire Henry Company, a best-in-class provider of building envelope systems that control the flow of water, vapor and energy to optimize building sustainability. Henry Company has an 80+ year history of well-recognized and trusted brands. Not only is Henry Company expected to contribute meaningfully to our financial results, but the company will also enhance our efforts to bring our customers energy-efficient building products and advance our sustainability goals to achieve positive stakeholder outcomes. We look forward to welcoming the Henry Company team to Carlisle."

Also in July, Henry also reported that Chris Korn has joined Henry as Channel Sale Manager for the Midwest market. Korn will be responsible for working with distribution and also working directly with contractors to educate and certify companies with Henry installations. He will also be working with building owners, facility managers and real estate groups to bring "pull-through" business to distributors and contractors. Welcome aboard Chris!

Carlisle Construction Materials also announced plans for a 6th TPO manufacturing line in Carlisle, PA.

Sika Acquires Green Roof Leader

Sika announced on July 21, 2021 the acquisition of American Hydrotech Inc. in the US and its affiliate, Hydrotech Membrane Corporation, in Canada. Hydrotech is a liquid membrane manufacturer and a provider of full-system roofing in waterproofing systems for over 40 years. The acquisition strengthens Sika's roofing and waterproofing portfolio and complements Sika's sustainability focus.

"With this acquisition, Sika establishes a leading position in the fast-growing application of green/garden roofing and waterproofing. This perfectly fits Sika's sustainability focus, and strengthens our position in the big cities where green roofs continue to gain momentum. We are very excited to welcome the Hydrotech employees to the Sika family and look forward to continue developing the business together stated Christoph Ganz, Regional Manager Americas for Sika.

Polyglass Discontinues Some Underlayments

Polyglass USA, manufacturer of roofing and waterproofing systems, announced recently the discontinuation of two of their self-adhered underlayments: Polyflex SA Base and Polystick MU-X. The decision was made to discontinue the two underlayment products in order to meet the high demand of their more popular underlayments.

Polyglass' Customer Service and Sales teams will work with customers to switch any existing orders of the discontinued underlayments with cannot be filled with current inventory over to another selfadhered underlayment or base sheet product such as: Elastobase® SA, Polystick® MTS Plus and Polystick® IR-Xe.

They also announced in late June the release of a series of five Tech-Tip Videos demonstrating how to properly install or repair details on low-slope roofs. In each video, a Polyglass technical services expert walks through step-by-step demonstrations on Polyglass recommended installation and repair tips on Polyglass ADESO® self-adhered base and cap sheets, flashing compounds, and adhesives. Tips include proper scupper flashing detail, scupper reinforcement, puncture repair on self-adhered cap sheets, installing pipe flashing and properly staggering plies. For more information, contact polyglass.com.

Cotney Adds Safety Consultant



Keven Harbrough joined Cotney Attorneys & Consultants on June 24, 2021. Harbrough began his career with the U.S. Department of Labor working as an OSHA Field Compliance Officer for the construction industry. He then became the Assistant Area Director at the

Tampa Area Office and conducted inspections and worked closely with employers to create safe working environments.

Harbrough's role will be to help clients with safety training and OSHA defense. "Keven knows the ins and outs of the industry's safety regulations," stated Trent Cotney, CEO. "Keven will be a great asset to our company by providing our clients and attorneys with valuable insight from his 20+ years of experience working for OSHA."

On June 30, 2021, Cotney announced that the firm was a featured American small business in the *Forbes Next 1000* List.

The Forbes Next 1000 List features entrepreneurs that are "redefining the American dream." Small businesses are featured that showcase sole proprietors, self-funded shops, and pre-revenue startups business minds and fellow successful entrepreneurs

"Trent and I wanted to branch out and become a firm that is able to provide the construction industry with not only legal, but business and training services," stated John Kenney, COO of Cotney Attorneys & Consultants. "It is very exciting to be listed in Forbes Next 1000 List after all the hard work that was put into starting Cotney Consulting. We look forward to offering cutting-edge industry training for the construction industry." For more information, visit cotneycl.com.

FlashCo® Adds New Sales Representative

FlashCo, a manufacturer of standard and custom flashings for commercial and residential roofing contractors, recently added Jeremy Grimes as a Sales Representative for the Central region. With over 13 years in the roofing and construction industries, Grimes brings expertise to Flashco from his time at Sika / Greenstreak, Wrisco Industries, Latchways, Butler Manufacturing and Quickrete. He will be responsible for expanding FlashCo's presence in the upper Midwest including Iowa, Illinois, Indiana, Michigan, Minnesota, Missouri, Ohio and Wisconsin. "Jeremy joins FlashCo with great experience in sales and territory development," says Territory Sales Manager, Rick Santolaya. "He'll be a big asset as FlashCo expands its product and service offerings for this area" he added. To learn more visit FlashCoMfg.com.

OMG Promotes Josh Kelly



In early June, OMG, Inc. announced the promotion of Josh Kelly to Senior VP for Business Development. "Josh is uniquely qualified to fill this key position," said Hubert McGovern, OMG's president and CEO. "He has a deep knowledge of both our Roofing and FastenMaster businesses

and markets. He also has a proven track record for developing disruptive technology, the best example of which is our industry leading RhinoBond induction welding system", McGovern continued.

Kelly started with OMG in 1991 and has held several positions within the roofing division and is a past president of the Roofing Industry Alliance and is also on the National Roofing Contractor Board (NRCA).

In June, OMG also announced Pat Cherry, has rejoined OMG Roofing Products as an adhesive specialist after spending the past couple of years as a regional manager with ICP Adhesives & Sealants.

In his newly created position, Cherry will be responsible for driving sales for the company's growing line of commercial roofing adhesives including its popular line of OlyBond Adhesives.

OMG to Celebrate 40th Anniversary

Established in 1981 under the name Olympic Fasteners, Inc., the company originally distributed fasteners for commercial roofing applications. In the mid-1980s, after several years of prosperous growth, the company began manufacturing and marketing its own line of construction fasteners at its current plant in Agawam, Mass. By the early 2000s, the company had changed its name to OMG, Inc.

What started as a fastener company has expanded over the years into a diversified manufacturer of components and technology for both commercial roofing and residential construction applications. Through its two operating divisions–OMG Roofing Products and FastenMaster–OMG has developed many innovative products and technologies. OMG Roofing Products include OlyBond Insulation Adhesives, RhinoBond Induction Technology for installing thermoplastic roofing membranes, and its exclusive Vortex Breaker Drain Technology for commercial roof drains. FastenMaster products include the line of LOK products for structural wood-to-wood connections in residential applications, the Cortex Hidden Fastening System for composite decks and trim, and FrameFAST, a tool for structural framing applications.

Today, OMG employs almost 1,000 globally and operates manufacturing plants in Agawam, Addison, Ill, and in Rockford, MN, producing over 1 billion fasteners each year. For more information, visit www.OMGInc.com.



International Leak Detection to celebrate 20th Anniversary

International Leak Detection (ILD), a world leader offering advanced

technology in leak detection and smart roof monitoring will be celebrating its 20th anniversary in North America in October.

During the last two decades, ILD has been serving clients around the world, helping companies to manage risk and identify roofing and waterproofing issues. In the late 1990's, the company brought EFVM® technology from Germany and adapted it for the North American market. In 2015, ILD partnered with PROGEO to offer North America Smartex®, the intelligent roof monitoring system that tracks the integrity of waterproofing systems 24/7. Leading edge technology that continues to differentiate the organization and provide building owners with peace of mind performance and protection.

Speaking on the twentieth anniversary recognition, Chris Eichhorn, ILD President and CEO said, "We are very excited to mark this important milestone in our history that gives us an opportunity to celebrate our professional teams around the world, the advancement of our innovative technology, and the projects and clients we've been honored to work with. For twenty years, our teams have delivered excellence in roofing and waterproofing integrity testing, and intelligent monitoring systems. We're looking forward to the next twenty years!" For more information, visit leak-detection.com.

Siplast Welcomes Korovilas



In addition to Steve Flores, Siplast is pleased to introduce Vasili Korovilas, as Siplast Senior Territory Manager in Chicago and Northern Illinois. He has worked in the building products industry for more than a decade. Flores stated "That experience, combined with his training as an engineer, will help make Vasili a valuable resource Chicago and Northern Illinois."

Korovilas came to Siplast from ITW Polymer Sealants North American and prior to that, worked on the contractor side in residential and commercial roofing sales.

ABC Supply Teams Up for Vets

ABC Supply Co. Inc. announced in late July that they have joined forces with Homes For Our Troops (HFOT), a philanthropic organization to help build and donate custom adapted homes for severely injured post-9/11 veterans to enable them to rebuild their lives.

As part of their "Give Back and American Pride Core Values" campaign, ABC is a Platinum Partner for HFOT which has provided 319 homes to disabled Vets and currently has 71 homes in progress with 13 in the Midwest. CRCA Member Certainteed is a Gold Partner as well. To learn more, visit www.hfotusa.org.



Gulfeagle Supply New Branding Focus

Gulfeagle Supply unveiled its new logo on August 17, 2021 as part of a renewed focus on

the company's branding. "The time has come to refresh our original logo, which dates back to 1973 when Jim Resch founded the company," said Gulfeagle President Brad Resch. "We wanted to update the logo, but it was important to keep the key elements that represent our heritage. The logo was originally inspired by our family's move from up North to Tampa, Florida. The company name and logo were inspired by starting out on Florida's Gulf Coast, complete with ship and spinnaker." Additional marketing initiatives include a new website, which is scheduled to debut later this year. For more info, visit www.gulfeaglesupply.com.

CRCA Members Provide Safety Resources

Latino Worker Safety Center (LWSC) provides a wide range of safety training in English, Spanish, Arabic, Chinese & Polish. Classes include OSHA 10, OSHA 30, Fall Protection, and more! To learn more please visit https://lwsc.org/

Garza Roofing Equipment and Supply is currently partnering with Brauner Safety Services to provide OSHA 10 and CERA Training/Torch Training. These classes can be taught in English or Spanish. To learn more, please visit https://garzasupply.com/safetyclasses/ **Safety Check Inc.** offers a wide range of safety services including site inspections and training. To learn more, visit https://www.safetycheckinc.com.



The Power of Making the Right Call— Power Line Safety

Each year, ComEd reminds roofing workers of the dangers of working near overhead power lines. This is a good time to repeat the following tips on keeping workers and equipment the required distance away and safe:

Stay Safe—Maintain The Required Distance Away

- Survey the jobsite daily to identify the location of overhead power lines, poles and guy wires
- Assume all overhead lines are energized, including the service drops that run from the pole to the building
- Remind your workers of the power line location during daily safety meetings
- Clearly mark boundaries to keep workers and equipment a safe distance from overhead power lines
- Clearly mark boundaries to maintain clearance per OSHA regulations
- Keep ladders at least 10 feet away from overhead power lines. If the voltage is greater than 50kV, the clearance is increase.

(See www.osha.gov/laws-regs/regulations/ standardnumber/1910/1910.333. When using cranes or hoisting equipment, maintain at least 20 feet of clearance of overhead power lines / Table A for additional clearance and voltage requirements.)

If Equipment Contacts A Power Line

- Move the equipment away from the line, if you can safely do so
- Warn others to stay away. Anyone on the ground who touches the equipment could be injured or killed
- Stay on the equipment until the utility worker says it's safe to get off
- If fire forces you off, jump clear of the equipment. Avoid touching the ground and

the equipment at the same time. Shuffle or hop away

• Contact ComEd or the utility company immediately by calling 911

Teamwork Saves Lives

• Work with a spotter when working with equipment under power lines. Don't risk injury or death by trying to guide a load and spot the power line at the same time.

To learn more, visit www.ComEd.com/Safety or OSHA.gov.

Other Industry News EPDM Association's New Chair from

Johns Manville

Jennifer Ford-Smith, director of product management and marketing—roofing systems, at Johns Manville, Denver, has been named the new chair of the EPDM Roofing Association by the group's board of directors. She replaces David Martiny, director of product management at Firestone Building Products, Nashville, Tenn., who will remain on the board.

"The roofing industry has experienced unprecedented challenges during this past year," Ford-Smith said. "David Martiny has provided outstanding leadership during this critical period. ERA is perfectly positioned to lead our industry as we create a resilient future for EPDM membranes and the buildings they protect. I'm honored to have this opportunity to serve."



New ASA Executive Director Announced

ASA Chicago welcomed Marissa Veith as the new Executive Director in August. Terri Rivera, the former E.D.

returned to her passion in the non-profit fundraising arena. ASA Chicago is an independent, nonprofit trade association representing the subcontracting industry and its affiliates and services union and non-union subcontractor members, trade suppliers and servicers.

The organization thanked Rivera for her contributions to the ASA Chicago network and welcomed Veith by stating "We look forward to seeing what the future holds in partnership with our members, peers, and friends as we continue to grow and make an impact on the Chicagoland construction community." Veith has been part of ASA Chicago since May 2014 in an operations role.

CRCA has partnered with ASA on legislation advocacy affecting Illinois construction stakeholders as well as networking between the two organizations. To learn about the organization, visit asachicago.org.



IIBEC-Chicago Announces Awards

Earlier this year, IIBEC-Chicago Chapter announced the following awards:

- Patrick Reicher, Raths, Raths and Johnson, Inc. received the Past Presidents Award in recognition for is leadership and professionalism to the organization.
- S.J. Mallein & Associates was awarded the Exhibitor of the Year, in recognition of their sponsorship of IIBEC-Chicago events, both in person and virtual.
- Shaun Katz, Detec Systems, LLC was honored as the Presenter of the Year for a presentation during the 2020 Chicago webinar series.

Congrats all!

SBA Announces Paycheck Protection Program Direct Forgiveness Portal

In late July, the U.S. Small Business Administration (SBA) announced a new portal to help streamline applications for loans of \$150K or less for small businesses. "The SBA's new streamlined application portal will simplify foregiveness for millions of our smallest businesses–including sole proprietors–who used funds from our Paycheck Program to survive during the pandemic," said SBA Administrator Isabel Casillas Guzman. "These entrepreneurs are busy running their businesses and are challenged by an overly complicated forgiveness process."

The SBA and lenders worked together to originate over 11.7 million in loans totaling nearly \$800 billion in relief to over 8.5 million small businesses.

In addition to opening up the new platform, found at https://directforgiveness.sba.gov, the SBA has increased customer service staff to help answer questions and assist with the process. Borrowers should contact 877-552-2692, Monday-Friday, 8 am-8 pm, EST.





Editors' Note: As part of the CRCA / CSI Chicago affiliate relationship, the two organizations share important industry news and events between the two organizations and the roofing industry as a whole. The CRCA Affiliate Committee was formed several years ago with the mission to collaborate on education and networking among the two groups and other industry partners. To learn more, contact info@crca.org today.

CSI Chicago returns to in-person events with the September 28, 2021 Chapter meeting at the East Bank Club, Chicago. Topic: Exploring latest innovations in exterior tile wall assemblies. Visit www.csichicago.org to learn more.

CSI Chicago Announced FY2022 Board in July:

- President: Jennifer Friedland, CSI, CDT USG
- President-elect: Guadalupe Casimiro, CSI, CDT Jensen & Halstead, Ltd
- Immediate Past President: Brad Schwab, CSI, CDT Schwab Group, LLC
- Vice President: Paul Fogarty, CSI, CDT SJ Mallein & Associates
- Vice President: Rachel Nava, CSI, CDT, CCS ArchiTech Consulting, Inc.
- Secretary: Garrett Hovest, CSI Master Builders Solutions
- Treasurer: Elias Saltz, FCSI, CCS, CDT Conspectus. Inc.
- Membership Officer: Dan Warren, CSI Hafele
- Director: Heather Salisbury, CSI Valerio Dewalt Train
- Director: Heidi E. Cervantes-Garcia, CSI ML Group Design & Development
- Director: John Goers, CSI Architectural Building Solutions
- Director: Kim Lis, CSI Wiss Janney Elstner
- Director: Melissa Gibson, CSI, CCS, CCCA, CDT Goettsch Partners
- Director: Shana Kim, CSI, CDT Antunovich Associates

New Chicagoland CSI Certification Holders Announced:

Congratulations to the CSI Chicago members that passed their certification exams this summer. Learn more about CSI Certifications at www.csiresources.org/certification/overview.

CCCA (Certified Construction Contract Administrator) Certification

• Richard Fost, CSI, CCS, CCCA, CDT - ArchiTech Consulting, Inc.

CCS (Certified Construction Specifier) Certification

• Rachel Nava, CSI, CCS, CDT - ArchiTech Consulting, Inc.

CDT (Construction Documents Technology) Certification

- Kevin Carter, CSI, CDT CETCO
- Andrew Glas, CSI, CDT-Rockfon North America
- Tamara Honza Foncerrada, CSI, CDT Air Barrier Association of America
- Mike Rickerson, CSI, CDT Rmax Insulation

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.

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| Siding & Windows, Inc | .(847) | 221-5600 |
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| Custom Roofing Contracting LTD | .(847) | 639-8400 |
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| Deady Roofing & Construction, Inc | .(708) | 672-0874 |
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| Distinctive Roofing, Inc. | .(815) | 986-0831 |
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| Sheet Metal, Inc. | .(815) | 727-2689 |

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| Feze Roofing, Inc. | (630) | 530-5944 |
| Filotto Construction | (815) | 740-5461 |
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| Freeport Industrial Roofing | (815) | 235-5350 |
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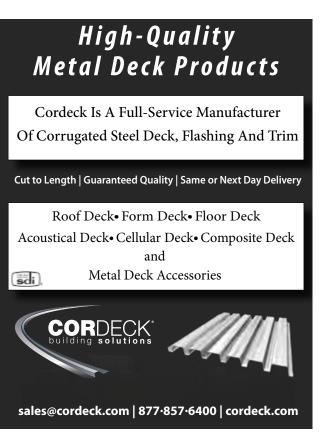
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The Associate Members of the Chicago Roofing Contractors Association are a vital part of the association and actively support the activities. Besides their generosity, they are represented on the CRCA Board of Directors, Co-Chair the Membership and Trade Show Committees and serve on the Health & Safety, Contracts & Insurance, Industry Affairs, Program and Scholarship Committees.

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