

# SMRCA Roofing Roofer

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**Keeping Current—A new edition of The NRCA Roofing Manual is now available**

In January, NRCA published its revised edition of *The NRCA Roofing Manual: Architectural Metal Flashing and Condensation and Air Leakage Control—2022*. Following is a brief discussion of NRCA's manual update process and the new information in this volume.

## The NRCA Roofing Manual

NRCA published its first technical manual, *A Manual of Roofing Practice*, in 1969, which was superseded by five editions of The NRCA Roofing and Waterproofing Manual published in 1981, 1985, 1989, 1996 and 2001.

Since 2007, the four-volume set of The NRCA Roofing Manual has been published as an individual volume each year on a four-year repeating cycle. The current version of The NRCA Roofing Manual consists of four volumes:

- *The NRCA Roofing Manual: Architectural Metal Flashing and Condensation and Air Leakage Control—2022*
- *The NRCA Roofing Manual: Steep-slope Roof Systems—2021*
- *The NRCA Roofing Manual: Metal Panel and SPF Roof Systems—2020*
- *The NRCA Roofing Manual: Membrane Roof Systems—2019*

The manual represents NRCA's in-depth, best industry practices and technical information concerning the design, materials and installation of quality roof systems.

## 2022 volume

The 2022 volume consists of three primary sections addressing architectural metal flashing, condensation and air leakage control, and appendixes.

The Architectural Metal Flashing Section, Chapter 1-Guidelines Applicable to Metal has been updated as follows:

- Moving copper-coated stainless steel (Copper Plus) and zinc-tin-coated stainless steel (TCS II) to the Historic Metal section
- Updating the metal tables to include thickness tolerances and other pertinent data
- Adding information about color matching
- Updating information about oil canning, including adding information about tension precision leveling intended to minimize oil canning

Chapter 2-Guidelines Applicable to Low-slope Roof Systems and Chapter 3-Guidelines Applicable to Steep-slope Roof Systems have been revised to include information about shimming irregular walls and roof edges for metal roof edge flashings, parapet saddle flashings, additional counterflashing options, and inside and outside corner joinery.

In Chapter 4-Construction Details, information has been added addressing fire-retardant-treated wood that contacts metal. Also, 14 of the 61 construction details have been revised.

In addition, two appendixes have been added to the section describing ANSI-SPRI/FM 4435/ES-1 testing of edge metal and ASNI/SPRI GT-1 testing of gutters.

In the Condensation and Air Leakage Control Section, ASHRAE's new climate zone map has been added and references the most recent editions of ASHRAE standards, ASTM International standards, 2021 I-Codes and CAN/ULC standards.

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**SOUTHEASTERN MICHIGAN ROOFING CONTRACTORS ASSOCIATION**  
8155 Annsbury, Ste 104 Shelby Twp, MI 48316 (586) 759-2140 [www.smrca.org](http://www.smrca.org)

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In Chapter 3-Condensation Control and Ventilation of Steep-slope Roof Assemblies, additional vent options have been added.

In Chapter 4-Air Retarders for Roof Assemblies, NRCA updated its guidance for air retarders to be consistent with the 2021 International Energy Conservation Code®; ASHRAE 90.1-2019, “Energy Standard for Buildings Except Low-Rise Residential Buildings”; and ASHRAE 189.1-2020, “Standard for the Design of High-Performance Green Buildings,” all of which are substantially revised from their previous editions.

In the appendixes to this section, Appendix 2-U.S. Climate Zones, Appendix 3-Typical Thermal Properties of Building Materials and Appendix 6-Climate Design Information have been updated.

In the appendixes section, a new appendix, Appendix 1-Energy Code Compliance for Roof Systems, has been added describing energy code requirements for low- and steep- slope roof systems based on IECC 2021’s commercial and residential provisions. Also, Appendix 3-Considerations for Lightning Protection Systems, Appendix 5-Reference Organizations and Appendix 6-NRCA Technical Dictionary have been updated.

### Getting it

NRCA members can view and download electronic versions of The NRCA Roofing Manual free of charge by accessing [shop.nrca.net](http://shop.nrca.net). Also, for the first time, NRCA has published The NRCA Roofing Manual—2022 Set as a fully linked PDF of the manual’s four volumes, which allows for easy cross-referencing of sections, chapters and volumes.

Printed versions of the 2022 manual and other volumes of The NRCA Roofing Manual can be purchased by accessing [shop.nrca.net](http://shop.nrca.net).

### What’s next?

NRCA’s Manual Update Committee is reviewing, revising and updating *The NRCA Roofing Manual: Membrane Roof Systems—2019* with the intention of publishing a new version in January 2023. If you wish to submit recommendations for revisions or additions to the manual, contact NRCA’s Technical Services Section at (847) 299-9070, option 4, or [nrcatechnical@nrca.net](mailto:nrcatechnical@nrca.net).

NRCA remains committed to its more than 50-year precedent of maintaining its manual as a best practices technical references concerning the design, materials and installation of quality roof systems.

Professional Roofing Magazine, by Mark S. Graham—April 2022  
[www.nrca.net](http://www.nrca.net)

Mark S. Graham is NRCA’s vice president of technical services.

## 2022 SMRCA Golf Outing

2022 SMRCA Annual Golf Outing will be held at  
Twin Lakes Golf Club  
on  
**Monday, May 23, 2022**

**Reserve your spot today!**



## 2022 MiRCA Convention

2022 MiRCA Annual Convention  
will be held at  
Boyne Mountain Resort  
**July 28-31, 2022**

**Make your reservations today!**



## Michigan Minimum Wage Increase

On January 1, 2022, the minimum hourly wage rate in the state of Michigan increased from \$9.65 to \$9.87. Michigan's Improved Workforce Opportunity Wage Act of 2018 establishes the annual schedule and increases. Specifically, Michigan's annual unemployment rate is calculated by using both average labor force and unemployment levels for the period of January through December, as determined by the U.S. Department of Labor—Bureau of Labor Statistics (BLS).

The Michigan Wage & Hour Division announced that, while the law does prohibit scheduled increases when the state's annual average unemployment rate for the preceding calendar year is above 8.5%, it is highly unlikely that Michigan will exceed this threshold causing another delay as occurred in 2021. Refer to MCL 408.934 (1) and (2) at the link below for more details. Additional hourly wage rates effective January 1, 2022 include:

- the 85% rate for minors aged 16 and 17 increases from \$8.20 to \$8.39 an hour
- tipped employees' rates of pay increases from \$3.67 to \$3.75 an hour
- and the training wage of \$4.25 an hour for newly hired employees ages 16 to 19 for their first 90 days of employment remains unchanged.

For more information: <http://www.legislature.mi.gov>

## OSHA Adjusts Penalties for Inflation

The Occupational Safety and Health Administration increased civil penalty amounts for workplace safety and health standard violations in 2022 to adjust for inflation, according to [osha.gov](https://www.osha.gov). The adjusted penalty amounts took effect January 15.

New maximum penalties for willful or repeated violations are \$145,027 per violation; serious and other-than-serious violations are \$14,502 per violation; and failure to abate violations are \$14,502 per day beyond the abatement date.

OSHA state plans must adopt maximum penalty amounts that are at least as effective as federal OSHA's penalty amounts.

For more information: [www.osha.gov/penalties](https://www.osha.gov/penalties)



## Birthday Wishes



**Mark Stasa - Kerr, Russell & Weber, PLC**  
May 7

**Mike Mass - Roofing Products of Michigan, Inc.**  
July 23

**Marie Schena - Schena Roofing & Sheet Metal Co., Inc.**  
July 31

## Happy Anniversary



**Jim & Michelle Bieszki - Architectural Building Specialties, Inc.**  
June 4

**Todd & Amanda Sova - National Roofing & Sheet Metal Co., Inc.**  
June 6

**Heather & Chris Hadley - SMRCA**  
June 29

## JATC Training Center

Journeyworkers upgrade classes to improve your skills, your worth, and our Brotherhood/Sisterhood is available at no cost to all Detroit LU 149 members.

Dues must be current in order to enter the Training Center.

If you are interested in any of these classes, contact Thomas Jaranowski at the Training Center, 248-543-3847, or [T.Jaranowski@DetroitRoofers.org](mailto:T.Jaranowski@DetroitRoofers.org) to make arrangements.

## Upcoming Industry Trade Shows 2022

July 19-22 FRSA's 100th Annual Convention and the Florida Roofing & Sheet Metal Expo  
Daytona Beach, FL  
[www.floridarooft.com](http://www.floridarooft.com)

## Welcome New MiRCA Member

Welcome new MiRCA member!

**Armored Roofing & Construction**  
David Strothide  
[www.armoredroofs.com](http://www.armoredroofs.com)  
Byron Center, MI  
616-404-7663

## Newly Elected RIFP Trustees May 1, 2022—April 30, 2023

The election results are as follows:



### RIFP Trustees

President	<b>Roger LaDuke</b>	LaDuke Roofing & Sheet Metal
Vice-President	<b>Brian Sylvain</b>	North Roofing Company
Treasurer	<b>Brian Moore</b>	Schreiber Corporation
Secretary	<b>Dan Casey</b>	T.F. Beck Company

## Newly Elected SMRCA Board of Directors May 1, 2022—April 30, 2023

The election results are as follows:



### SMRCA Board of Directors

President	<b>Anthony Schena</b>	Schena Roofing & S/M
Vice-President	<b>Roger LaDuke</b>	LaDuke Roofing & Sheet Metal
Treasurer	<b>Dan Casey</b>	T.F. Beck Company
Secretary	<b>Brian Sylvain</b>	North Roofing Company
Director	<b>Brian Moore</b>	Schreiber Corporation
Director	<b>Paul Schick</b>	Newton Crane Roofing, Inc.

## Roofers Union Local #149/RIFP 37th Annual Scholarship Grant Program

In an effort to promote excellence in the roofing industry, Roofers Union Local #149 and the Roofing Industry Promotion Fund are working together to offer scholarship grants to eligible individuals.

The program offers four scholarship grants in the amount of \$1,000.00 each, to those eligible individuals who are attending or planning to enroll at an accepted college or university.

Scholarship Grants are possible through contributions by Roofers Union Local #149, the Roofing Industry Promotion Fund and the participating roofing contractor employer of the recipient's parent or guardian.



Information has been sent to SMRCA/RIFP Contractors. If you need information to submit an essay, please contact the SMRCA office or Roofers Union Local #149.

## Entry-level Driver Training Requirements Have Changed

On February 7, changes took effect regarding the Federal Motor Carrier Safety Administration's Entry-level Driver Training regulations for a Commercial Driver's License.

The regulations set the baseline training requirements for drivers who are:

- Obtaining a Class A or Class B CDL for the first time
- Upgrading an existing Class B CDL to a Class A CDL
- Obtaining an existing Class B CDL to a Class A CDL
- Obtaining a school bus (S), passenger (P) or hazardous materials (H) endorsement for the first time

According to the new requirements, a candidate must complete a course that includes theory and behind-the-wheel training conducted by a trainer listed on the Federal Motor Carrier Safety Administration Training Provider Registry. This training must be successfully completed with proof of completion provided to the state driver licensing agency before an individual can take the new license or endorsement skills test.

Obtaining a Commercial Learner's Permit is the first step in the process to acquire a CDL. An applicant who meets one of the exceptions for taking a skills test is exempt from the new requirements. For example, a CDL is not required to operate a vehicle designed for fewer than 16 occupants or to operate an off-road construction vehicle designed for use only on a job site, so the new Entry-level Driver Training requirements do not apply.

A company can apply to be listed on the Training Provider Registry and provide the instruction. However, a company must meet the federal, state and/or local eligibility requirements for specific criteria related to curriculum, facilities, vehicles and instructors. A company also may enlist a third-party trainer to provide the training, provided the third-party trainer is listed on the Training Provider Registry.

Additional information is available on the Federal Motor Carrier Safety Administration's website at [fmcsa.dot.gov/regulations](http://fmcsa.dot.gov/regulations).

professionalroofing.net April 2022



## Secretary Walsh joins Vice President Kamala Harris to Announce First Ever National Emphasis Program to Protect Workers From Indoor and Outdoor Heat Hazard

**WASHINGTON** – For the first time, the U.S. Department of Labor's Occupational Safety and Health Administration has launched a National Emphasis Program to protect millions of workers from heat illness and injuries. Through the program, OSHA will conduct heat-related workplace inspections before workers suffer completely preventable injuries, illnesses or, even worse, fatalities.

Secretary Marty Walsh today joined Vice President Kamala Harris at the Sheet Metal Workers Local 19 Training Center in Philadelphia to announce the new enforcement program.

Heat illness affects thousands of indoor and outdoor workers each year and can tragically lead to death. Reducing workplace heat-related illnesses and injuries is a top priority for the Department of Labor, and this National Emphasis Program is a way to immediately improve enforcement and compliance efforts, while continuing long-term work to establish a heat illness prevention rule. These efforts are part of a larger, interagency Biden-Harris administration effort to protect workers and communities from extreme heat and rising temperatures resulting from climate change.

"Tragically, the three-year average of workplace deaths caused by heat has doubled since the early 1990s. These extreme heat hazards aren't limited to outdoor occupations, the seasons or geography. From farm workers in California to construction workers in Texas and warehouse workers in Pennsylvania, heat illness – exacerbated by our climate's rising temperatures – presents a growing hazard for millions of workers," said Secretary of Labor Marty Walsh. "This enforcement program is another step towards our goal of a federal heat standard. Through this work, we're also empowering workers with knowledge of their rights, especially the right to speak up about their safety without fear of retaliation. I'm grateful for the Vice President's leadership on this issue, and for her demonstrated commitment to keeping workers safe on the job."

As part of the program, OSHA will proactively initiate inspections in over 70 high-risk industries in indoor and outdoor work settings when the National Weather Service has issued a heat warning or advisory for a local area. On days when the heat index is 80 F or higher, OSHA inspectors and compliance assistance specialists will engage in proactive outreach and technical assistance to help stakeholders keep workers safe on the job. Inspectors will look for and address heat hazards during inspections, regardless of whether the industry is targeted in the NEP.

"Our goal is to make it safe for workers in hot indoor and outdoor environments, so that they can return home safe and healthy at the end of each day," said Assistant Secretary for Occupational Safety and Health Doug Parker. "Working together, we can ensure workers know their rights and employers meet their obligations in order to protect workers from the growing dangers of extreme heat."

OSHA's area offices will engage in outreach to unions, employers in target industries and other organizations committed to advancing protections for underserved workers. The agency's On-Site Consultation Program, a free and confidential health and safety consulting program for small- and medium-sized businesses, will assist employers in developing strategic approaches for addressing heat-related illnesses and injuries in workplaces.

Last fall, in the Biden-Harris administration's first year in office, OSHA published an Advance Notice of Proposed Rulemaking to initiate the rulemaking process towards a federal heat standard and is committed to using all tools at its disposal to reduce heat hazards through a combination of enforcement, outreach and compliance assistance.

As part of OSHA's continued work to reduce workplace heat illnesses and fatalities, the agency will hold a public stakeholder meeting on May 3, 2022, to discuss OSHA's ongoing activities to protect workers from heat-related hazards, including the Heat Illness Prevention Campaign, compliance assistance activities and enforcement efforts. You can register for the event [here](#).

Read a fact sheet on OSHA's National Emphasis Program to protect workers across the nation from the increasing threat of heat related illness.

Learn more about working in outdoor and indoor heat environments.

OSHA National News Release April 12, 2022

### DOL Updates the Davis-Bacon and Related Acts Regulations

The U.S. Department of Labor has announced the publication of the proposed rule, "Updating the Davis-Bacon and Related Acts Regulations." The Department proposes to amend regulations issued under the Davis-Bacon and Related Acts that set forth rules for the predetermined of Davis-Bacon wage rates and the administration and enforcement of the Davis-Bacon labor standards that apply to federal and federally assisted construction projects. The Department encourages interested parties to submit comments on this proposal by May 17, 2022.

The Davis-Bacon and Related Acts apply to contractors and subcontractors performing on federally funded or assisted contracts in excess of \$2,000 for the construction, alteration, or repair (including painting and decorating) of public buildings or public works. Davis-Bacon Act and Related Act contractors and subcontractors must pay their laborers and mechanics employed under the contract no less than the locally prevailing wages and fringe benefits for corresponding work on similar projects in the area. The Davis-Bacon Act directs the Department of Labor to determine such locally prevailing wage rates. Read more at [www.dol.gov](http://www.dol.gov).

# SMRCA Spells the Best in Roofing Services

- S**AFETY A safe jobsite is assured because SMRCA crews complete the M.U.S.T. Safety Training and Drug Testing.
- M**ULTIPLE SERVICES A SMRCA Roofing Contractor has the ability to provide the roof you need because of our expertise in a variety of roofing applications and techniques.
- R**ELIABLE SMRCA Contractors are Union trained professionals bringing an Industry leading standard of service, quality and knowledge to every project.
- C**ONFIDENCE Projects completed by SMRCA Contractors provide a Michigan roofing contractor 2 year standard workmanship warranty.
- A**CCOUNTABILITY SMRCA Contractors are established companies with years of experience in providing responsive service, superior workmanship and exceptional value.

Call us today at 586-759-2140 to receive our free "Roofing Facts" brochure or contact one of the SMRCA Contractors below for a no-cost estimate on your next roofing project.

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www.tfbeck.com

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(586) 739-1148  
www.lutzroofing.com

### **ROYAL ROOFING COMPANY**

Orion, MI  
(248) 276-ROOF (7663)  
www.royal-roofing.com

### **J. D. CANDLER ROOFING CO., INC.**

Livonia, MI  
(734) 762-0100  
www.jdcandler.com

### **M.W. MORSS ROOFING, INC.**

Romulus, MI  
(734) 942-0840  
www.morssroofing.com

### **SCHENA ROOFING & SHEET METAL CO., INC.**

Chesterfield, MI  
(586) 949-4777  
www.schenarroofing.com

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Detroit, MI  
(313) 837-1420  
www.cdetroit.com

### **NEWTON CRANE ROOFING, INC.**

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(248) 332-3021  
www.newtoncraneroofing.com

### **SCHREIBER CORPORATION**

Wixom, MI  
(248) 926-1500  
www.schreiberroofing.com

### **DETROIT CORNICE & SLATE COMPANY**

Ferndale, MI  
(248) 398-7690  
www.detroitcorniceandslate.com

### **NORTH ROOFING COMPANY**

Auburn Hills, MI  
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www.northroofing.com

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