



### Safety to Life Through Code Enforcement

materials/equipment, personnel, communication, adaptability.

"Materials" involved the quantity, quality, and distribution. While massive amounts of materials were lost by the allies on the beaches of Normandy on D-Day, sufficient quantities were provided to overcome those expected losses. Likewise, for the most part, the equipment that was provided was suited for the task at hand. Tanks were modified for varying features such as flotation; some had bridging material mounted on them to traverse anti-tank ditches; and some had thrashers mounted on the front to detonate land mines. The use of some equipment was adapted on site; such was the case of destroyers (ships) offshore. Destroyers that are made for sea battle cruised close enough to shore to fire on individual gun emplacements. The destroyers were also close enough to run aground but took that chance.

That brings us to the "personnel". The allied soldiers on the beach, after the shock of significant loss of life of the initial forces that were landed that day, began improvising for the task at hand. Almost no forces were able to stick to the original plan of attack, but because the soldiers and their leaders knew the goal for the day, they were able to adjust their plans or replace their plans with new plans that would accomplish the goal. As I mentioned with the destroyers previously, the troops on the beach would fire at gun emplacements so that the destroyers could identify targets, as the beach troops, had for the most part lost their radio equipment during disembarking for the beach.

The allies' communications did not initially work as planned because of unforeseen situations. For example: because the landing craft often had to stop further from shore than planned, many of the radio operators on the beach lost their equipment between the landing craft they exited and the shore. Also, smoke from a heavy naval bombardment prior to the

# COEO

## North Carolina Council of Code Officials

### From NCDOT Deputy Commissioner Carl Martin

I don't do a great deal of recreational reading, but I recently read a book by Stephen E. Ambrose titled "D-Day". It was about WWII and the first few days of the invasion of Europe. In the book, Mr. Ambrose identified points that affected the outcome of the invasion:

landing, generated tremendous amounts of smoke; so, signaling by hand from the shore to the supporting ships offshore was difficult. These difficulties were eventually overcome with determination and ingenuity by individuals on shore. Survival can be quite the motivator.

While the German army was able to maintain some communication, they were stifled by their command structure. Key reserves for protection of the beaches required approval by Adolf Hitler himself before they could be used, and Hitler was sleeping. The German commanders would not vary from that command structure and thus the reserves were not sufficiently utilized that day.

As you have read above, "adaptability" was one of the greatest assets for the allies that day. We need to apply that to our trade. While we are not at war, contractors, code enforcement officials, and owners are "allies" that are striving for the goal of successful construction. What is "successful construction"? My view is that it is construction that is safe for the occupants, built to the owner's expectations, built as economically as possible. The contractor and code enforcement official, therefore, need to communicate well, and usually often. If an owner is involved during the construction process, as is typical of commercial construction, he/she also needs to be involved in the communication. You often hear people say that they did not communicate enough, but you rarely hear them say that they communicated too much. Also, all parties need to have or designate sufficient manpower and equipment to achieving the goal and be ready to adapt as needed. When you get to a job site, be ready to adapt to the unexpected by understanding the intent behind codes you are applying, the situation at hand, and the viewpoint of your allies, and have the equipment on hand that you need to complete your task.

Lastly, the one point that Mr. Ambrose did not linger on was "training". The allied forces trained continuously for 2 to 3 years specifically for D-Day. It was that training that enabled the soldiers on the beach to overcome the initial shock of war and be able to perform their duties. It was almost mechanical in nature. Fortunately, we have excellent training opportunities for inspectors and builders in North Carolina. I recommend seeking those opportunities out so that we continue to grow with our industry.

As always, I appreciate your work and offer the assistance of our staff whenever needed.

Together, we are successful...



## News from the Mechanical Inspectors Association

### 2022 NCMA WORKSHOPS

The Officers and Directors of the North Carolina Mechanical Inspectors Association are pleased to announce that workshops will be conducted this year to address the topics listed below.

Attendance at any one of these workshops will provide six hours of continuing education credit for the North Carolina Mechanical Code Inspector certificate as required by the North Carolina Code Officials Qualification Board.

CSST - Installation  
Maxitrol regulator sizing  
Gas piping

1. Rocky Mount – February 3, 2022
2. Smithfield - February 20, 2022
3. Raleigh – March 10, 2022
4. Morganton – March 24, 2022
5. Wilson – April 14, 2022
6. Monroe – May 26, 2022
7. Burlington - October 20, 2022

#### **8:00am - 3:00pm - Workshops (1-hour lunch break)**

You must have a device with a camera and microphone to attend, and you have to have the camera on and you in the image. If you are not, then you will not get credit for the class.

See the NCMA website for more information.

<https://www.nc-mia.com>



## News from the Plumbing Inspectors Association

### 2022 NCPIA WORKSHOPS

The North Carolina Plumbing Inspectors Association announced that they have scheduled workshops to address RCI Changeout and Inspecting Water Heaters-Plumbing.

Mark Burns and Jimmy Lawson will be the instructors for these workshops that will provide six hours of continuing education credit for

the North Carolina Plumbing Code Inspector certificate as required by the North Carolina Code Officials Qualification Board.

1. Rocky Mount - February 8, 2022
2. Morganton - March 17, 2022
3. Monroe - April 12, 2022
4. High Point - May 18, 2022
5. Smithfield - September 15, 2022
6. Burlington - October 19, 2022

See the NCPIA website for more information.

<https://www.ncpia.us>



## News from the NC Fire Marshal's Association

**T**he Sixty-First North Carolina Fire Prevention School will be held March 14 - March 18, 2022 at the Courtyard Marriott, Carolina Beach. The Fire Prevention School is presented by the NC Association of Fire Chiefs and Cape Fear Community College. The on-site school registration will begin on Monday, March 14, 2022 at 11:30am and the school will conclude at 11:30am Friday, March 18, 2022.

Registration is now open! Registration closes February 18, 2022 and is limited to 150 attendees. The Brochure and Registration Form can be found at: <https://cfcc.edu/public-safety/wp-content/uploads/sites/55/2021/12/2022-Brochure-and-Registration-Form.docxv1-002.pdf>

#### New Board Members:

Tony Smart - Eastern  
Charles Eldridge - Central  
Lindsey Glover - Western  
Thomas Raper - Treasurer

- The NC Fire and Life Safety Educators Conference will be held February 16-18, 2022 in Concord, NC at The Great Wolf Lodge.
- The next NCFMA Board meeting will be February 14, 2022.
- The next NCFMA General meeting will be February 15, 2022.



## News from the NC Building Inspectors Association

The NCBIA has had an awesome 2021 year. The Education Committee started the year off with three, week long, Winter Code Seminars. Greenville hosted the January seminars, Aberdeen was the next stop in February, and they finished things off with Hickory in March. All totaled, the Education Committee taught Con-Ed to approximately 250-300 inspectors across the state.

2021 has been busy for the legislation committee tracking some forty plus bills that effect the building safety industry. Several letters of opposition have been written to the NC Governor and State Representatives. A list of the bills being tracked can be found on the [ncbia.org](http://ncbia.org) website.

The current BIA membership is at 70% and the membership committee is working continuously sending out membership letters and contacting all jurisdictions in NC. The committee's goal is to reach 80% this year, which will allow the BIA the ability to increase communications and promote consistency across the State.

If anyone is interested in serving on a committee within the BIA, please visit the website and fill out and submit the application and submit it



to the membership committee. The winter code seminars are just around the corner and registration should be open soon through CVENT located on our website.

Winter Code Seminar dates and locations;  
January 24th - 27th, 2022 - Greenville, NC  
February 21st - 24th, 2022 - Aberdeen, NC  
March 28th - 31st, 2022 - Hickory, NC

Robby Wilkinson/President - NCBIA

## News from the North Carolina Code Officials Qualification Board

### Temporary Certificates

December 31, 2021 marked the expiration date for several hundred temporary certificates issued by the NC Code Officials Qualification Board intended to mitigate the disruption of COVID-19 on Board courses and state exam administrations required for probationary certificates due to expire. An informal survey of local government city and county managers suggested at least a few jurisdictions that would "let go" inspectors who did not fulfill the terms and conditions of employment by earning their Level 1 standard certificates in the four trades Building, Mechanical, Electrical and Plumbing. However, others stated that it was hard enough to recruit inspectors and they planned to retain individuals if they had at least one or more certificates. Some managers (and inspectors) have asked whether there is any possibility of extending the temporary certificates? The answer to that question is "No".

### NCDOI Code College 2021

The NCDOI Code College 2021 held the last week in September in a hybrid classroom and virtual Webex format was the first such course

developed specifically as an Exam Prep course to help those individuals study for the state exam for Standard certificate. Each day was 8 hours of practical tips and tricks for learning the technical code with a 1-hour bonus on Law and Administration. In addition, after each day of class, a 100 question timed practice test was available online to simulate computer-based testing. NCDOI has had some positive feedback about this "first of its kind" course and plans to repeat it throughout 2022. Each day's recorded presentations by code consultants have been uploaded to the respective trade "EXAM PREP" course and its available under the CEO LOGIN Supplemental tab.

### State Exams

There were 127 state exams scheduled with PSI Services LLC as of December 1, 2021. Good luck to everyone who attempted the state exam who reads this article in January. Staff will be providing an update to the Board at the January regular meeting.

# NC Council of Code Officials Member Boards

## NC Building Inspectors Association

President - Robby Wilkinson  
Vice President - Jason Ruff  
Treasurer - Mark Matheny  
Director Area 1 - Bob Haynes  
Director Area 3 - David Gieser  
Director Area 5 - Sam Hobgood  
Director at Large - Carl Martin  
Ex-Officio #2 - Les Everett  
Ex-Officio #4 - Tom Brown

President-Elect - Matt Love  
Secretary - Tara Barthelmeess  
Director Area 2 - Keith Kiger  
Director Area 4 - Reggie Hucks  
Director Area 6 - John Hymn  
Ex-Officio #1 - Jeff Griffin  
Ex-Officio #3 - Amy Britt  
Ex-Officio #5 - Dan Dockery

## NC Mechanical Inspectors Association

President - Troy Allgood  
Vice-President - Gary Wheeler  
Director - Dick Flowers  
Director - Kevin Marks  
Board Advisor - Dan Dittman

President Elect/Treasurer - Tommy Clifton  
Director - Ricky Turner  
Director - Vacant  
Ex-Officio - Tim Gray  
Secretary - David Rittlinger

## NC Fire Marshal's Association

President - Adam Cloniger  
Second Vice President - Banks Wallace  
Chaplain - Thomas Bender  
E. Reg. Rep. '21 - Adam Stanley  
W. Reg. Rep. '21 - Amy K. Flieg  
C. Reg. Rep. '20 - Vacant  
Ex-Officio - Brian Taylor

First Vice President - Brian Kelly  
Treasurer - Brittany Hocutt  
Past President - Eric Wiseman  
C. Reg. Rep. '21 - Timothy R. Henshaw  
E. Reg. Rep. '20 - Tony Smart  
W. Reg. Rep. '20 - Taylor Marsh  
Ex Officio - Jason B. Shepherd

## NC Plumbing Inspectors Association

President - Shane Hudson  
Vice-President - Beau Chollett  
Ex-Officio - Tommy Rowland  
Two Year Director - Casey Gerringier  
Four Year Director - Curtis Allman

President-Elect - Steve Botelho  
Secretary/Treasurer - Jim Lawson  
One Year Director - Wilson Sawyer  
Three Year Director - John Warren  
Board Advisor - Mark Burns