



Safety to Life Through Code Enforcement

COCCO

North Carolina Council of Code Officials

IT DIDN'T HAPPEN THAT WAY

Tim Bradley, Senior Deputy Commissioner of Insurance

Happy 4th of July. Many years ago after speaking at a conference, where I was promoting the advantages of adopting a certain program, I was given some good advice from an old friend who was wise in years and experience. "Don't embellish it, don't exaggerate it, and certainly don't make it something it isn't. If it is a good program it can stand on its realistic merits." That was pretty good advice, and over the years it has probably prevented me from having to explain why something wasn't what I promoted it to be. Codes are like that, especially those derived from model codes with years of background and development. No code is perfect, but most often we can benefit from simply explaining its realistic benefits and letting folks make an informed decision. If their intent is safety, then an informed individual will choose wisely. If their intent is personal profit, the merits won't matter.

One thing that irritates me, often to the point of finding it difficult to keep my mouth shut, is when people use history as justification to do something, and they actually get the history all wrong. Sometimes they embellish it, exaggerate it, or even conform it to suit their needs. I consider myself in the lower percentile of knowledge when it comes to history, so when I catch an error, it's bad. Many times people just want history to line up with their way of thinking, and in many cases it doesn't. As an example, just in the last several months there are a couple of speeches I've heard I would like to correct:

> *America's mainland has been invaded before. The British invaded during the war of 1812. In fact, their ground forces almost burned Washington to the ground. The same force invaded Baltimore unsuccessfully with a land and sea based invasion.*

> *Soldiers at Valley Forge did not fight for the Constitution. It wasn't written till over a decade after the Declaration of Independence. They fought for many of the values that would eventually be included in the Constitution and the Bill of Rights, but they also fought for some that were not.*

> *North Carolina did not wait until the Bill of Rights was signed to ratify the US Constitution. They signed it in 1789, 2 years before the Bill of Rights was introduced.*

> *Thomas Jefferson did not write the Constitution. He was in*

France and was unaware it was being worked on until it came out. He had mixed reactions to the language included.

> *The constitution is not a fixed document, and people who question it are not unpatriotic. Almost everyone who worked on it had problems with some of it, and most voted for it out of compromise feeling that it was better than what we had. Many felt it was a temporary document. Some patriots, such as Patrick Henry of the revolutionary war, dramatically opposed it thinking it would squash individual liberties.*

> *Even though I've been a Christian since the age of 12, the Constitution was not written based on Christian doctrine. It was written based on religious principles most of which are consistent with Christianity, but not any specific religious doctrine. The writers and approvers of the Constitution were very careful not to draw lines between Quakers and Baptist, Puritans, etc., etc., and others.*

When I was in grade school I always thought courses like History and English were pretty much a waste of time (obviously I wasn't too big on math or science either). Now I believe they are probably two of the most important. I'm often appalled at some of the grammar on correspondence I get, and I look around and find people blindly following a philosophy because someone told them it was history. I'm probably more patriotic than most people, but in the wrong hand and described incorrectly it can be a bad instrument.

One of the most successful public campaigns of all times occurred after the writers of the Constitution sent it to the States for ratification. To encourage public support James Madison of Virginia, Alexander Hamilton, and John Jay wrote a series of essays published in a series of New York publications explaining the advantages of the Constitution. They were initially called "The Federalist", but later in the 20th century came to be now as "The Federalist Papers". The first Federalist essay appeared in October 1787, just 4 weeks after the Constitutional Convention presented the Constitution to the states for ratification. It was one of an eventual 85 such essays which were published in New York newspapers during the next 6 months. Later compiled into a single volume entitled *The Federalist*, the collection of essays is considered to be one of the most important articulations of American political philosophy to this date. If you want to know what the intent of the Constitution was, these essays are where to find out, not from someone who wants to convince you to think their way because that is how patriots think.

I still stand in awe sometimes when I see an American flag fluttering in the wind and get goose bumps when a good version of

the National Anthem is sung. I get teary eyed when I see emotional stories about conflict in our nation, and each day I gain more and more appreciation for what those who went before us endured to start and keep America the country she was dreamed to be. We really do owe a lot to our veterans, founding fathers, and a host of other people who came along at the right point in history and made a difference. The least we can do to show our appreciation is to learn

and understand what they were trying to do without embellishment, exaggeration, or outright recreation.

Don't let someone else tell you what you have to do or how you have to think to be an American, and learn enough about the history of our country to discern when someone is abusing history to their advantage. There is a lot of that going on today.



News from the NC Ellis Cannady Chapter, IAEI

Presidential Views

While trying to cope with the extremely warm temperatures we suddenly realize, it's summer, things get hot. Usually, that's the same for construction that we rely on for the entire year. No need to state one more time that business this year is not as brisk as in past years, yet we still push forward as we always have. As I responded recently to a fellow electrician, we are in this business, the Electrical Industry in the State of North Carolina, together. Our history with the North Carolina Ellis Cannady Chapter of the International Association of Electrical Inspectors working side by side with Electrical Industry representatives confirms the partnership we've maintained for so many years and will strive to do so for many more.

Our electrical history in North Carolina includes a pattern of working toward a common goal of electrical safety to assure our work places and our homes are free of hazards from fire or electric shock potential. Recent set-backs in the effective date of our 2011 State Electrical Code were the result of implications that the enforcement of new Codes and Standards may have been a part of the economic downturn. In over 40 years of my construction experience, the up and down cycles in building usually coincided with the availability of funding and favorable interest rates, and particularly in residential construction whether or not home buyers could meet the demands of home ownership. We as an industry must remind the Public of our purpose and how we came to be in this industry, and that is, to do what we can to prevent electrical and fire hazards due to improper installations of electrical systems in our State.

Have a safe summer,

Ron Chilton, Chapter President
NC Ellis Cannady IAEI Chapter President

Industry Events

NC Chapter Membership Committee

July 14, 2011, 10:00 AM
State Board of Examiners of Electrical Contractors
Raleigh, NC

NC Chapter Public Relations & Publicity Committee

August 16, 2011
Winston-Salem Inspections Dept., Winston Salem, NC

NC Chapter Annual Convention

November 6-8, 2011
Childress Vineyards, HI Express (State rate honored) Lexington, NC

NCAEC Electrical Apprentices Contest

September 20, 2011
Greensboro Coliseum, Greensboro, NC
336-854-8354 www.ncaec.org/apprenticeship.html

IAEI Southern Section Convention

October 9-12, 2011
Chattanooga Marriott Downtown, www.southernsection.info

NC Electrical Apprenticeship Contest

October 19, 2011, 7:15 am
NC State Fairgrounds 919-733-7533
www.ncstatefair.org/2011/Competitions/PremiumBook/2011DeptBB.pdf

NC Continuing Education Seminars

Check our Website for coming dates!
Next available date is our annual convention November 6-8.
See our website for more information and directions & maps:
www.nciae.org. (Meetings page).

Retirements:

Jesse Skinner. The NC State Board of Examiners of Electrical Contractors announces the retirement of Jesse Skinner effective April 1, 2011.

Jesse began his employment with the Board on May 15, 1985 as a Field Representative/Investigator. Jesse wishes to express his sincere appreciation to the NC Ellis Cannady Chapter, IAEI, electrical inspectors across the State and the many individuals from all segments of the electrical industry he has had the privilege to work with during his employment with the Board.

Jesse has been a member of IAEI since March 15, 1984.

The NC Ellis Cannady Chapter, IAEI wishes the very best to Jesse and Betty in their retirement.

Max Thompson. The NC State Board of Examiners of Electrical Contractors announces the retirement of Max Thompson effective April 15, 2011.

Max began his employment with the Board on June 1, 2000 as a Field Representative/Investigator. Max wishes to express his sincere appreciation to the NC Ellis Cannady Chapter, IAEI, electrical inspectors across the State and the many individuals from all segments of the electrical industry he has had the privilege to work with during his employment with the Board.

Max has been a member of IAEI since March 15, 1990.

The NC Ellis Cannady Chapter, IAEI wishes the very best to Max and Donnie in their retirement.

A retirement reception was recently held at the Board of Examiners of Electrical Contractor's Office for Jesse and Max. In attendance were Jesse's family and Max's family, along with many friends and colleagues of Jesse and Max.

Phil Edwards. Phil has retired from Mecklenburg County inspections on February 1. We will miss his solid work on MP interpretations as well as the added role he assumed as Tech LT Chair, in guiding technology development priorities.

New Faces and Places

Mitch Bryant Employed by NCBEEC. The NC State Board of Examiners of Electrical Contractors is pleased to announce the employment of Mitch Bryant effective June 1, 2011. Mitch will be working as a Field Representative/Investigator in the Central Region of the State.

Mitch was formerly employed by Davidson County, the City of Winston Salem and most recently, the NC Department of Insurance. He serves as Treasurer of the NC Ellis Cannady Chapter, IAEI as well as on several Committees. He is a past President of the Chapter and currently serves on the Southern Section, IAEI Board of Directors.

Pat Griffith Rose, Chief Electrical Inspector. Congratulations to Pat Griffith Rose as she has been promoted to Chief Electrical Inspector for the City of Greensboro on May 1, 2011. She is one of only 44 female electrical inspectors in the State.

Pat has been a member of IAEI since August 5, 2005 and serves on the Chapter Membership Committee.

Pat went to work with the City of Greensboro, 22 years ago as Level II Electrical field inspector and moved up to Level III, within two years. She currently holds Level I, Building & Fire; Level II, Mechanical & Plumbing. Pat's construction field experience includes 3 years residential, 6 years commercial & industrial. When she started electrical work, she knew she had found a home. Pat says the electrical field was and remains a challenging and rewarding field. Pat is married to Frankie Rose, and between Pat and Frankie, they have 6 adult children, and 22 grandchildren.

Willis Horton will assume the responsibilities of the Mechanical/Plumbing Code Administrator on Phil Edward's departure. We are fortunate to have someone of Willis's depth of experience in both MP and code work at large to step into this key position. Please join us in congratulating Willis on his new assignment.

Patrick Granson is the new Director of Permitting for Mecklenburg County. As business continues to recover from the recent recession and our service demand grows, in the coming months and years our office will face many challenges in plan review and permitting. At the same time, we are aggressively advancing the conversion of electronic plan review to a fully electronic process, providing service to customers on a new plateau.

Patrick is particularly well suited to lead the office side as we tackle these challenges. With over 22 years of experience with the Department, ranging from inspections and facilitator work, through plan review and management, along with five level III NC Qualification Board Certificates, Patrick exhibits an exceptional working knowledge of our business from the initial plan review work through final CO inspections. His ability to deal effectively with both customers and staff as a project works its way through atypical issues is well documented. We are fortunate to have someone of Patrick's caliber step up to this critical position.

Bereaved

Gary Harvell. For those who knew Gary Harvell I felt you would like to know that he died in a boating accident at Lake Tillery during a storm this weekend. For those that didn't know Gary he was an inspector in Stanly County for many years, a licensee of this Board and instructor in the various trades. Gary passed away on June 12 at Stanly Regional Medical Center in Albemarle. The service was at 2 PM on Thursday, June 16 in Hartsell Funeral. Burial followed at Norview Gardens Cemetery. The Rev. Steve Barbee officiated the services. Mr. Harvell was born in Albemarle on June 7, 1952 to the late Lester Ray and Mary Inez Harvell. In addition to his parents, he was preceded in death by his wife, Carolyn Mae Lunsford Harvell. Mr. Harvell is survived by his daughters, Melanie Harvell Simpson of Concord, Alicia Harvell Thompson of New London; grandchildren, Bethany, Kaleb, Joshua, Damien and River; brother, Leonard Ray Harvell of Oakboro; and sister, Linda Harvell Swaringen of Norwood.

James Harding Ireland, 83 of West Center Street Extension passed away Friday, June 24 at the Brian Center. A funeral service was held at 11:00 Monday at Lexington Church of God with the Rev. Lonnie Daughtery and Rev. Tommy Cashett officiating. Burial followed at Forest Hill Memorial Park. The family received friends on Sunday at Davidson Funeral Home. Mr. Ireland was born on August 22, 1927 in Davie County to Robert Phillip Ireland and Emma Danner Ireland. He was a member of Lexington Church of God and a retired maintenance foreman with the NC Department of Transportation. Preceding him in death was a brother Paul Ireland and a sister Robbie Elizabeth Myers. Surviving are his wife Ella Mae Gentle Ireland of the home, daughters Carolyn Ireland Moore and husband Buddy of Gastonia and DeWilla Ireland and husband Mitchell Bryant of Welcome; grandchildren Shane Moore, Nathan Sink and wife Cori and Jonathan Sink and wife Kelly; great-grandchildren Peyton and Cohen Moore, Kenzie and Rylee Sink and Adi and Graci Sink.

Sick and Shut In:

Max Thompson underwent Surgery for Kidney Cancer, the cancer was removed. He's feeling fine now, and we wish him the best for a speedy recovery.

Electrical Incidents

Air handler unit-death. Last year there was an electrocution incident involving an air conditioner Anson County. OSHA was at the site after the incident, but had no comments. This incident occurred on July 26, 2010 at about 3:30 PM. An HVAC technician had been working on an outdoor condensing unit replacing the compressor and the air handler was located in the attic. The technician and his helper went into the attic to check on the air handler after the compressor was replaced in the outdoor unit and turned the disconnect to the air handler back on. The technician went back outside to check the condensing unit Freon charge and begin adjusting while his helper finished closing up the air handler and taking some tools to their truck. When the technician knelt down to connect his gauges he laid his hand on the metal casing of the condensing unit and was electrocuted. It was determined that the equipment ground did not have a good connection in the outdoor panel where the HVAC equipment was fed from and it was also a possibility that the condensing unit may not have been grounded, but that could not be ascertained due to the fact that too many people had been messing

with the equipment after the incident. The HVAC technician had about 15 years in the trade. The helper was not hurt.

Copper theft-death. At Lake James, a copper theft was electrocuted, and his accomplice (Who survived) was charged in his death at the Utility site. The thief had stolen copper before. See the article in our quarterly e-mail newsletter coming soon.

Product Safety

Explosion incidents from combustible dust continue to occur, almost always as a result of equipment not suited for the environment, or from an area not being classified correctly (Or not classified at all). Most of us in NC remember the West Pharmaceutical disaster, also a result of non-certified equipment in a Class 2, Division 1 location. In this case, the equipment was non-certified, not suitable for the environment, and the location was never classified.

So what about Industrial Machinery in hazardous locations? If it's used to "Manufacture" something, are Inspectors now supposed to wait for OSHA to pick up the pieces after a disastrous incident? (The West Pharmaceutical equipment was "Industrial machinery" used for manufacturing). As one of our long-time members said. "Politics + Electricity = Death". We can only hope that Engineering firms, electrical contractors and facility owners are knowledgeable and responsible, until that day when our Inspectors are allowed to once again do the job of protecting our citizens from these incidents.

Safety Reminder

Burn up the Myth: Hinged Door Protection

Question: A trainer told us that we should always stand on the hinged side of the door when operating equipment even if it means reaching across the equipment. Is this the best practice?

Answer: Probably not. Our training has included, since the beginning, a slide we have called the "One-Hand Rule". It is an adaptation of the "Left Hand Rule" that has been taught for years. (You can see the photos on our website - (Newsletter page).

I have been confronted that this is wrong by many trainers and consultants, so we decided to test the theory at Kinectrics lab last month during the IEEE-ESW Tour. We placed a 100 Amp disconnect on the vault wall and produced a 10kA and a 20kA phase-to-phase fault inside them. I purchased eight since I was confident they would fail. The disconnects were rated for 10-200kA depending on fuse type but most folks don't know this is for "bolted fault" not arc fault.

The arcing faults will almost always blow off the door especially if they go phase-to phase. Standing to the side is the most important thing. When the mannequin was standing in the position illustrated above, no t-shirts ignited and they would have been relatively unharmed in NFPA 70E compliant HRC 2 gear. When the mannequin stood in front it was disastrous. When the mannequin stands to the hinged side with the arm across the door, the arm broke off and hit the concrete wall 6 feet away and bounced back several feet away. The biceps of the fiberglass arm can be seen at the mannequin's feet.

Note: I'm sure in some lower level arc flashes doors have protected folks

(we often see this in switchgear) but when the door fails it is your worst enemy. Stand to the side and allow the door to protect the area. In our collective experience, doors do great UNLESS they come off. When they come off, it is almost always straight out just like the video test.

This testing was done by causing a phase-to-phase fault with a wire (difficult in real life but they do happen) and with >480V to help arc sustain. <480V arcs are difficult to sustain in real life BUT they will sustain when they go three phase, so to eliminate chance in the testing we used overvoltage of about 1000V to assure the arc would last for the whole test.

Provided by Hugh Hoagland <http://www.e-hazard.com/>

Code Enactments and Activity

The 2011 NEC Electrical Code was adopted on June 14, 2011 and was to become effective on September 1, 2011 but that all has been put on hold. On June 17, 2011 the Rules Review Commission of the NC Legislature received written objections, pursuant to NCGS 150B-21.3(b2), from 11 persons requesting delay of the September 1, 2011 effective date. Initially, the NCBCCC approved the adoption, but then the letters from the Raleigh area Homebuilders Association were received. It is rumored that these letters were "Form" letters, all exactly alike, containing no reason for the objection to the NEC adoption, and that a couple of the letters were not even signed. As a result of this action before the 2011 NEC can become the NC Electrical Code it would have to be reviewed by the legislature which could delay the effective date for another year. The only way to get the effective date back to September 1, 2011 is by an Executive Order for Adoption by Governor Perdue.

Continuing Education with NC IAEI

Join us at our NC Annual meeting in November for Continuing Education credits. Learn from the Inspectors and Contractors involved in writing the NEC, and take advantage of the opportunity to ask questions during the code forums and other meeting times., Winter dates will be published soon, check our website regularly. www.nciaei.org go to the "Meetings" page or the "Education page.

NEC Continuing Education Classes for 2008-2009. Our continuing education classes for 2010-2011 were a great success! Thanks to all those who have attended and registered for the 2011 season, and a special thanks to our instructors. Visit our chapter website for updates on continuing education. Remember the importance of contact hours, and the great benefit students receive with a live instructor and classroom interaction.

PACE and IAEI online Continuing Education. Contact David Clements

On Our Website

Remember to check the NC IAEI website regularly! We are making continuous improvements and always have great information on the NEC, on Continuing Education class schedules, code interpretations, important documents and exciting technology news. Watch for contests with code books and promotional items for the winners. Go to our website for an electronic version of this newsletter. www.nciaei.org.



News from the Mechanical Inspectors Association

2011 Mechanical Workshops

The NC Mechanical Inspectors Association Board of Directors met jointly with the Education Committee on October 14, 2010 to plan the NC MIA sponsored workshops for 2011. A formal announcement was mailed the end of December along with the registration forms and class schedule.

Four workshops were conducted in the spring. One workshop is scheduled for the fall. The Workshop is a one day event providing six hours of continuing education credit for mechanical inspectors. This year's topic is "Significant Changes in the 2012 North Carolina Mechanical Code". The 2012 code will become effective September 1, 2011 with a mandatory date of March 1, 2012. This workshop will provide a preview of the significant changes along with explanations. The spring workshops were held in Monroe, Morganton, Wilson and Jacksonville. The fall workshop will be in Burlington on October 19, 2011.

The registration fee is \$60 for NC MIA members and \$100 for non-members. At the request of several members the workshops will start at 8:00 a.m. and will end at 3:00 p.m., with registration beginning at 7:30.

The workshop has been approved by the North Carolina Code Officials Qualification Board for 6 hours of continuing education credit. The dates and locations are posted on the Qualification Board website and on the NC MIA website. The fall workshop in Burlington is the first NC MIA workshop that has been approved by the North Carolina Board of Examiners of Plumbing, Heating, and Fire Sprinkler Contractors for six hours of continuing education credit. To register for the October workshop, go to www.ncmia.com/forums/topic/40-2011-mechanical-workshops/ or contact Jean Williams at 919-661-5880, ext. 260.

Annual Meeting and Educational Conference

The North Carolina Mechanical Inspectors Association will hold its annual conference for 2011 in Atlantic Beach. The conference runs from August 14 through August 17 and will be at the Sheraton Beachfront Hotel. The directors and committees have been working since March to make this a fun and informative conference. If you have suggestions for the event, please contact one of the directors. They are:

President: Ronnie Greene, Watauga County
President Elect: Marshall Perry, City of Greensboro
Vice President: Paul Ezell, Cleveland County
Secretary/Treasurer: Janie Sutton, NC DOI

One Year Directors:

Danny Bryan, City of Jacksonville
Alec Arther, City of Asheville

Two Year Directors:

Dennis Maidon, Wake County

Jeff Hinkle, Catawba County

Ex-Officio: Ray Rice, City of Burlington

For more information and registration forms go to <http://www.ncmia.com/forums/topic/67-39th-annual-educational-conference/> or contact Janie Sutton or Jean Williams at 919-661-5880.

New Directors

Two new directors will be elected at the Annual Meeting in August, one director to represent the Eastern Region and one Director to represent the Piedmont region. If you are interested in serving as a director or know an inspector who is, please contact Charles Taylor (ctaylor@wilsonnc.org) or Janie Sutton (janie.sutton@ncdoi.gov). The director must be an active inspector in the region he/she serves.

Scholarships

In their October meeting the Board of Directors approved seven scholarships to be awarded in 2011. The scholarship committee met in June to review the applications. Ten applications were received by the June 14 deadline. The committee presented their selection of seven candidates to the Board of Directors in July. They will be announced at the Annual Awards Banquet August 16.

Life Memberships

The NC MIA Scholarship/Awards Committee will recommend nominees at our 2011 Annual Business Meeting for consideration for election to Life Member membership status. The general membership will vote on the nominees at our annual business meeting. If you would like to nominate a retired mechanical inspector for consideration, please complete a Life Membership nomination form and forward to Janie Sutton at NC DOI. A copy of the form may be obtained by calling Janie Sutton at (919) 661-5880 x-237.

Mechanical Code, Gas Code, and Energy Code Interpretations on the Web

The NC Department of Insurance is placing interpretations of the 2009 NC Building Codes on-line on the DOI web-site. These interpretations can be viewed, downloaded, and printed. The web-site address for the DOI interpretations is: http://www.ncdoi.com/OSFM/Engineering/CodeServices/engineering_codeservices_interpretations.asp. The address for the general NC DOI web-site is <http://www.ncdoi.com>.

Interpretations are included for the Mechanical, Gas, Energy, and Plumbing Codes as well as the other volumes of the NC Building Code. The interpretations are in order by code section number for easy reference. You may also search by keyword.

Information on the status of proposals submitted to the Building Code Council, Building Code Council meeting agendas and meeting minutes, draft amendment packages and minutes for the new codes, and other important information can also be viewed from the NC DOI web-site.

39th Annual Educational Conference August 14-17, 2011

The North Carolina Mechanical Inspectors Association is proud to announce that our 39th Annual Educational Conference will be held August 14-17, 2011. We are returning to the beautiful Atlantic Beach and the wonderful comfort and courtesy of the Sheraton.

We will have a get-acquainted buffet dinner Sunday night at the Sheraton beginning at 6:00 pm. A buffet lunch with the vendors will be offered on Monday for all conference registrants and their families. There will be a companions' and children's breakfast on Tuesday morning, followed by a brief program and door prizes. On Tuesday night, we will conduct a banquet and awards presentation, including door prizes. The dinner for the banquet will consist of a seafood and London broil buffet.

Tuesday will be our education day. We will provide six hours of continuing education that will be approved under the Code Officials Qualification Board Continuing Education Program for mechanical inspectors.

We will conduct our annual business meeting on Wednesday morning.

Dress for the conference will be casual or resort wear. In order to give the Sheraton an accurate count for the number of people for each meal, please indicate on the registration form the number of people who will be attending each meal function.

Back by popular demand, we will be providing free tickets to the North Carolina Aquarium at Pine Knoll Shores.

Please read through the following pages on preparing for the conference and send in your registration form. We hope to see you there!

Hotel Registration

Room rates are \$129.00 per night plus tax. Rates are based on single or double occupancy.

A block of 80 rooms will be held until **July 31, 2011**. Please make your room reservations with the Sheraton by going to <http://www.starwoodmeeting.com/StarGroupsWeb/res?id=110-2029821&tkey=A3922> or by calling 800-624-8875. Check-in is at 4:00 p.m., and check-out is at 11:00 a.m.

The Sheraton cannot promise an early check-in, so do not expect to get into your room before 4:00 p.m. The hotel says you are welcome to sit out by the pool or in the lobby and enjoy the facilities prior to your check-in.

If you have any problems with hotel registration, please contact Janie Sutton at 919-661-5880, ext. 237 or Janie.Sutton@ncdoi.gov.

Conference Registration

The registration form has a place to enter the number of people in your family who will be attending the meal events. It is important that you fill in that information so that we won't run out of food! If you don't fill it in, we will assume that the inspector only is attending.

The registration fee for this year's Conference is \$135.00 for an inspector and family if payment is received no later than **July 31**. If you prefer to pay at the door, the registration fee will be \$145.00. Please pre-register by mailing your registration form and marking the appropriate box on the registration form.

The registration fee is \$50.00 for retired inspectors and their companions.

The registration fee for non-members of the Association is \$175.00.

Registration fees include the Sunday night dinner, all breaks, the Monday vendor lunch, the Tuesday morning companions' and children's breakfast, and the Tuesday night banquet.

Vendors

We will be conducting a vendor show on Monday and offering 20 exhibit tables for \$250.00 each. If you know of any suppliers or manufacturers who would be interested in participating, please call Mr. Charles Taylor, City of Wilson at 252-399-2240, and he will be happy to forward an Exhibitor Registration Form to them. There is also a form on page 9. The exhibitors may set their tables up on Sunday afternoon and take them down by 5:00 p.m. on Monday.

Golf

If you love golf, join us on Sunday morning at Brandywine Bay (www.brandywinegolf.com). The discounted price is \$30.00 per person if we have a party of 12 or more. We have tee times starting at 7:30. Please pre-register using the form below prior to July 31.

Golf Registration Form

NORTH CAROLINA MECHANICAL INSPECTORS ASSOCIATION
ANNUAL GOLF OUTING BRANDYWINE BAY GOLF CLUB
MOREHEAD CITY, NC AUGUST 14, 2011

Name _____

Jurisdiction _____

No. in your party ____ Cell number (Optional) _____

Mailing Address _____

City _____ State _____ Zip _____

Please send in the registration form by **July 31** so that we can determine if the minimum number of players can be met to qualify for the reduced rate.

DO NOT SEND GREENS FEES WITH THIS FORM. Pay at the golf course. Plan to meet in the hotel lobby at 7:00 a.m. or at the golf club at 7:30.

NORTH CAROLINA MECHANICAL INSPECTORS ASSOCIATION

39th ANNUAL EDUCATIONAL CONFERENCE

SHERATON OCEANFRONT HOTEL, ATLANTIC BEACH, NC

AUGUST 14-17, 2011

NAME: _____

INSPECTOR ID # _____ MECHANICAL CERTIFICATE # _____

COMPANION'S NAME (IF ATTENDING) _____

CHILDREN'S NAMES AND AGES (IF ATTENDING) _____

EMPLOYED BY _____

MAILING ADDRESS _____

CITY _____ STATE _____ ZIP _____

Please complete a separate form for each inspector attending. You do not have to send in registration fee to pre-register; however, it is less expensive. Payment and this registration form must be received by **July 15** to meet the deadline for early registration. The registration fee will be paid as listed below:

\$135.00 Member Registration Fee Enclosed

\$145.00 Member Registration Fee Paid Upon Arrival

\$50.00 Registration Fee for Retirees

\$175.00 Non-Member Fee - Also applies to member jurisdictions not current in dues payment

I (We) plan to attend the Sunday Night Dinner Social.

_____ # Adults and Children 13 and above _____ # Children 4-12 _____ # Children 3 and under

I (We) plan to attend the Vendor Lunch. Everyone is invited.

_____ # Adults and Children 13 and above _____ # Children 4-12 _____ # Children 3 and under

My companion and children plan to attend the Tuesday Morning Companion's Breakfast.

_____ # Adults and Children 13 and above _____ # Children 4-12 _____ # Children 3 and under

I (We) plan to attend the Tuesday Night Banquet.

_____ # Adults and Children 13 and above _____ # Children 4-12 _____ # Children 3 and under

Please note that it is very important to get accurate counts for each meal.

We must guarantee and pay for the number of meals to be prepared for each meal event.

MAKE CHECKS PAYABLE AND RETURN TO:

NC MECHANICAL INSPECTORS ASSOCIATION

OSFM

1202 MAIL SERVICE CENTER

RALEIGH, NC 27699-1202

ATTENTION: Jean Williams

FAX (919) 662-4414

**NORTH CAROLINA MECHANICAL INSPECTORS ASSOCIATION
39th ANNUAL EDUCATIONAL CONFERENCE TENTATIVE PROGRAM
SHERATON OCEANFRONT HOTEL, ATLANTIC BEACH, NC**

SUNDAY, AUGUST 14

11:00 AM-5:00 PM REGISTRATION (HOTEL LOBBY)
5:00-6:00 PM NOMINATING COMMITTEE MEETING
(MEETING AREA)
6:00-8:00 PM GET ACQUAINTED DINNER SOCIAL
(MEETING AREA AND POOLSIDE)

MONDAY, AUGUST 15

8:00-12:00 NOON REGISTRATION (HOTEL LOBBY)
8:00-9:00 AM VISIT WITH VENDORS
9:00-10:15 AM OPENING SESSION
CALL TO ORDER: PRESIDENT RONNIE GREENE
INVOCATION
PLEDGE OF ALLEGIANCE: PRESIDENT-ELECT
MARSHALL PERRY
WELCOME: ELIZABETH BARROW
CRYSTAL COAST TOURISM AUTHORITY
ADDRESS: HONORABLE WAYNE GOODWIN,
COMMISSIONER-NORTH CAROLINA DEPT.
OF INSURANCE
LEGISLATIVE UPDATE: CHRIS NOLES, PE,
DEPUTY COMMISSIONER
RESPONSE: PRESIDENT RONNIE GREENE
ANNOUNCEMENTS: PRESIDENT RONNIE GREENE
NC STATE BOARD OF PLUMBING, HEATING & FIRE
SPRINKLER CONTRACTORS: DALE DAWSON,
EXECUTIVE DIRECTOR
10:15-10:30 AM BREAK (VISIT WITH VENDORS)
10:30-11:30 AM INTRODUCTION OF VENDORS AND
VENDOR PRESENTATIONS
11:30-1:00 PM VENDOR LUNCH
1:00-3:00 PM VENDORS (CONTINUED)
3:00-3:15 PM REPORT OF NOMINATING COMMITTEE
3:15-4:00 PM COMMITTEE MEETINGS

TUESDAY, AUGUST 16

7:00-8:00 AM NCMIA PAST PRESIDENTS BREAKFAST
8:30-10:30 AM RIGHT SIZING MECHANICAL SYSTEMS:
R. CHRISTOPHER MATHIS, PRESIDENT MATHIS
CONSULTING COMPANY
10:30-10:45 AM BREAK
10:45-11:45 AM GEOTHERMAL SYSTEMS: MIKE HADLEY,
CLIMATE CONTROL HEATING & COOLING

11:45-1:00 PM LUNCH (ON YOUR OWN)
1:00-3:00 PM FIRE RETARDANT COATINGS:
CHRIS BURCHFIELD, NOBURN SE
3:00-3:15 PM BREAK
3:15-4:15 PM HVAC INSTALLATION ISSUES & STATUTES:
DALE DAWSON
6:00-7:00 PM SOCIAL HOUR
7:00-9:00 PM BANQUET AND AWARDS
9:00-9:30 PM DOOR PRIZES

WEDNESDAY, AUGUST 17

8:30-9:30 AM ICC UPDATE: GUY TOMBERLIN &
VAUGHN WICKER
9:30-11:00 AM NCMIA ANNUAL BUSINESS MEETING
ACTIVITY REPORT: SECRETARY JANIE SUTTON
ELECTION OF LIFE MEMBERS:
PRESIDENT RONNIE GREENE
ELECTION OF NC MIA OFFICERS:
PRESIDENT RONNIE GREENE
INSTALLATION OF OFFICERS: ICC REPRESENTATIVE
11:00 AM ADJOURNMENT

COMPANION'S PROGRAM

SUNDAY, AUGUST 14

11:00 AM-5:00 PM REGISTRATION
6:00-8:00 PM GET ACQUAINTED DINNER SOCIAL (MEETING
AREA AND POOLSIDE)

MONDAY, AUGUST 15

9:00-10:00 AM OPENING SESSION
11:30-1:00 PM VENDOR LUNCH

TUESDAY, AUGUST 16

9:00-11:00 AM BREAKFAST, PROGRAM, AND DOOR PRIZES
6:00-7:00 PM SOCIAL HOUR
7:00-9:00 PM BANQUET AND AWARDS
9:00-9:30 PM DOOR PRIZES

WEDNESDAY, AUGUST 17

11:00 AM ADJOURNMENT

NORTH CAROLINA MECHANICAL INSPECTORS ASSOCIATION

39th ANNUAL EDUCATIONAL CONFERENCE
SHERATON OCEANFRONT HOTEL, ATLANTIC BEACH, NC
AUGUST 14-17, 2011

VENDOR/SPONSORSHIP REGISTRATION FORM

COMPANY NAME _____

CONTACT NAME _____

MAILING ADDRESS _____

CITY _____ STATE _____ ZIP _____

TELEPHONE NUMBER _____

E-MAIL ADDRESS _____

I would like to register for the vendor show. The registration cost is \$250. A 3'x 6' table and electrical power supply will be provided for your convenience. You may set up Sunday, August 14, in the late afternoon or early Monday morning, August 15. Time is allotted on the Monday program for vendor introductions, product discussions, and the vendor show. We will conduct an inspectors' luncheon and breaks in the vendor area to facilitate inspectors meeting and discussing products with our guest vendors. Monday activities will conclude mid afternoon.

When calling the Sheraton to make your hotel reservations, make sure you tell them you are attending the "NC Mechanical Inspectors" meeting and ask for a room from the room block so you will get the special rate of \$129.00 plus tax. The number for the Sheraton is 800-624-8875 or you can register on line at <http://www.starwoodmeeting.com/StarGroupsWeb/res?id=1102029821&tkey=A3922>.

Please be our guest at our Sunday night dinner social that begins at 6:00 p.m., Sunday, August 14.

I plan to attend the Sunday Night Dinner Social.

Number of persons attending _____

I do not plan to attend the Sunday Dinner Social.

If you have any questions, please call Mrs. Jean Williams at the Department of Insurance at 919-661-5880, ext. 260, or Mrs. Janie Sutton at 919-661-5880, ext. 237.

MAKE CHECKS PAYABLE AND RETURN TO:

NC MECHANICAL INSPECTORS ASSOCIATION
OSFM
1202 MAIL SERVICE CENTER
RALEIGH, NC 27699-1202
ATTENTION: Jean Williams
FAX (919) 662-4414

NORTH CAROLINA MECHANICAL INSPECTORS ASSOCIATION

39th ANNUAL EDUCATIONAL CONFERENCE

SHERATON OCEANFRONT HOTEL, ATLANTIC BEACH, NC

AUGUST 14-17, 2011

AQUARIUM TICKET ORDER FORM

The North Carolina Mechanical Inspectors Association is giving tickets to the North Carolina Aquarium at Pine Knoll Shores, NC, to all registrants and their families as a conference registration gift. The following is some text from their web site. "From the mountains to the sea... Feel the spray of a mountain waterfall. Watch river otters play. Touch a stingray. Look a shark in the eye. Explore shipwrecks - without getting wet. See a rare white sea turtle and let your spirits soar as raptors and waterbirds fly overhead. Thousands of aquatic animals take you on a journey from the state's grand peaks to the open Atlantic, much as a raindrop makes its way to the ocean." There are several new exhibits at the Aquarium. Among them are the "Mountain Motion Pool" and "Winging It - Birds in Flight".

Please complete the information below so that we may order the correct number of tickets for you and your family. Tickets will expire one year from the date of issuance and are good at all three aquariums in North Carolina.

MAIL OR FAX FORM SO THAT IT IS RECEIVED NO LATER THAN **JULY 31** TO:

NC MECHANICAL INSPECTORS ASSOCIATION
OSFM
1202 MAIL SERVICE CENTER
RALEIGH, NC 27699-1202
ATTENTION: Jean Williams
FAX (919) 662-4414

I would like the following number of tickets to the North Carolina Aquarium:

_____ # Adults (ages 13-61)

_____ # Senior Citizens (Ages 62 and over)

_____ # Youth (Ages 3-12)

Children 3 and under get in free and do not need tickets.

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

TELEPHONE NUMBER _____



Temper, Temperature and Temptation

I bet when you read the title of this quarter's newsletter you couldn't wait to be swept up in a sultry tale of forbidden love, flaming passion and amorous betrayals. Sorry...it ain't happenin' here. The chances of "Temper, Temperature and Temptation" leading a bunch of Building Inspectors off on a wild foray of sensuous delights is about as likely as...



- 1.) The National Home Builders Association proposing a 50% Energy Savings Solution
- 2.) The OSFM agrees that a water filled super-soaker squirt gun, strategically located on each nightstand in the house, replaces the need for residential sprinkler systems.
- 3.) The Plumbing Inspectors Association recommends that gray water systems be piped and routed exclusively to feed showers and lavatories because there are still some unused soaps and cleansing agents left in the water, and we don't want to waste anything in this economy.
- 4.) The Mechanical Inspectors Association promotes an initiative to reduce landfill debris by requiring all fuel gas to be piped through last year's adaptively re-used garden hose with "rainbird" couplings or duct-taped splices. (the more expensive foil faced tape is also approved)
- 5.) The IAEI is targeted by the NC Department of Agriculture to remove the requirement for electrical permitting of work done on bona-fide farm buildings. The DOA offers to withdraw their proposals if a certain Mr. MacDonald is named to the electrical board, and the organization's name is officially changed to EIEIO.

I guess it could happen; it has been a strange year for the codes. Nah...Let's talk about what temper, temperature and temptation really mean to us. It is hot, unusually hot, and we all are suffering. The week of this article the temperature will be in the low 90's all week, and the humidity is over 60%. That kind of heat can be dangerous. I hope all of you have guidelines on how to recognize and handle heat exhaustion and heat stroke. We should make sure every one of us in the field has access to that information. The worst effect of extreme temperatures and uncomfortable working conditions is stress. How does battling the heat affect your patience

and frustration levels and thus your stress? What effect does it have on your customers? I would definitely think twice about responding in a rude fashion to the question from a guy who's been swinging a hammer all day in 90 degree heat, especially if he's still holding that hammer. And what about our responses to those question we think our customers should already know the answers too? Do you recognize that impatient feeling coming over you yet? It's a fact, as the temperature rises, so do our tempers. And with that rise in temperature and tempers comes the temptation to let our negative behaviors get the best of us. Don't let temptation get the best of you! Remember the NCBIA call to be "professional". It doesn't matter what the other guy or gal does; if there was ever a time to "turn the other cheek" then it's now, when we are all suffering. We're suffering with the heat, the economy, reduced workforces, budget shortfalls...and the list goes on. All these things turn up the heat even more. Forget the heat...just chill. Stop and take a deep breath, remember the job you do, the importance of it to so many others, and the pride in doing it well; then think, "When I am under stress, my actions demonstrate exactly who I am." Don't let temper, temperature and temptation get the better of you, and remember that your positive action may be just the example that someone who is really struggling needs to see to help turn their day or their life around. Take your skills, your experience and your positive attitude with you to work every day, and make sure and take them home too! And when somebody says, "How in the world do you handle your temper, the temperature and temptations so well?" Just look at them and say, "Chill out brother, and be cool, if you can do that, most of the problems will handle themselves."

Something else to be preparing for is the NCBIA Annual Conference. This year we'll be beating the heat in beautiful Asheville, NC. The conference will be at the Crowne Plaza from July 31st thru August 3rd and promises top flight seminars and entertainment. Where else can you combine a few days of code con.ed. with the rare joy of learning to clog from a nationally known instructor, play a round of golf at one of the state's most gorgeous courses, dance or just soak in the vibe from a DJ spinning your favorite tunes, or enjoy the awesome bluegrass music and side-splitting humor of the renowned VW Boys bluegrass band. This conference is an event you will not want to miss. You can register now at the NCBIA website, www.ncbia.org

Good luck beating the heat, keep up the great work, and remember "Education, Integrity, Professionalism", that's what we're all about. Be cool and I'll see you in Asheville.

Dan Dockery
NCBIA

Education - Integrity - Professionalism



www.ncbia.org

NC BUILDING INSPECTORS ASSOCIATION 55th ANNUAL CONFERENCE
JULY 31 - AUGUST 3, 2011, CROWNE PLAZA RESORT, ASHEVILLE, NC

2010-2011 OFFICERS AND DIRECTORS

HARRY VAN WAGENEN, PRES., CARY

STEVE SUDDERTH, PRES-ELECT, WATAUGA COUNTY

GLENN BATTEN, VICE-PRES., KERNERSVILLE

BARRY GUPTON, SECR-TREAS., NC DEPARTMENT OF INSURANCE

DIRECTORS

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TOM BROWN, AREA 2, MONROE

DAN DOCKERY, AREA 3, WINSTON-SALEM/FORSYTH COUNTY

JEFF BRITT, AREA 4, ROBESON COUNTY

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CHRIS NOLES, AT-LARGE, NC DEPARTMENT OF INSURANCE

LES EVERETT, EX-OFFICIO, GREENVILLE

WILLIAM WHALEY, EX-OFFICIO, AVERY COUNTY, WAXHAW

HARRY TAYLOR, EX-OFFICIO, RETIRED

JERRY THOMPSON, EX-OFFICIO, RETIRED

BUCKY FRYE, EX-OFFICIO, WINSTON-SALEM/FORSYTH COUNTY

NCBIA 55th ANNUAL CONFERENCE

July 31 - August 3, 2011
Asheville, North Carolina

From the Officers and Directors of the North Carolina Building Inspectors Association I would like to invite everyone to the 55th Annual Research and Development Conference which will be held at the Crowne Plaza Resort in Asheville. We have an exciting agenda planned this year with plenty of educational opportunities. The dynamic and changing world increasingly demands our attention to deciding the best for the citizens of North Carolina and Inspectors in general. We will be asking for your input and comments when these important issues are discussed. This is YOUR organization and

we want your help in charting the course NCBIA takes in the future.

As in past years the registration fee includes families. You do not have to pay extra for your spouse or children. The Bele Chere Festival in downtown Asheville runs from July 29-31 just prior to the conference. Or, you may wish to extend stay in the mountains after the annual conference and relax with your family.

We look forward to seeing everyone in Asheville for fellowship, education and the direction NCBIA takes for the future.

Sincerely,
Harry Van Wagenen
NCBIA President

NORTH CAROLINA BUILDING INSPECTORS ASSOCIATION

55th ANNUAL CONFERENCE - July 31 - August 3, 2011

CROWNE PLAZA ASHEVILLE, NORTH CAROLINA

A block of rooms is being held at the Crowne Plaza Asheville until July 1, 2011. Room rates are \$109 for a Double room, \$119 for a King room and \$139 for a King Executive Suite. All rates are for single or double occupancy plus tax.

Contact the Crowne Plaza at:

800-733-3211 (Group Name: NC Building Inspectors Association) or 828-254-3211 to make reservations. Hotel information may be accessed online at www.ashevillecp.com.

NAME: _____

COMPANION'S NAME (IF ATTENDING): _____

CHILDREN'S NAME(S) (IF ATTENDING): _____ AGE _____

_____ AGE _____

_____ AGE _____

JURISDICTION _____ PHONE # (_____) _____ - _____

MAILING ADDRESS _____

CITY _____ STATE _____ ZIP _____ E-MAIL _____

REGISTRATION FEE OF \$195 ENCLOSED. (whole family registration)

LATE REGISTRATION FEE OF \$260 RECEIVED AFTER **JULY 15, 2011**

RETIREE REGISTRATION FEE OF \$65 ENCLOSED

My **Qualification Board ID** number is: _____

My **Building Certificate** number is: _____

Is this the first time that you have attended a NCBIA Annual Conference? Yes ___ No ___

Are you the voting member from your jurisdiction? Yes ___ No ___

Please indicate how many people will be attending the following events:

Sunday Night - Pool-Party How many? _____

Tuesday Evening - Banquet and Entertainment How many? _____

Wednesday Morning - Breakfast How many? _____

****THERE WILL BE A \$65 CANCELLATION FEE FOR REFUNDS UP TO CLOSE OF BUSINESS ON JULY 15, 2011. NO REFUNDS WILL BE GIVEN AFTER JULY 15, 2011.****

Make checks payable to NCBIA and mail to:

Attn: Jean Williams

NC Building Inspectors Association

322 Chapanoke Road, Suite 200

Raleigh, NC 27603

Payment by Visa () or Mastercard () can be made by providing the following information:

Credit Card #: _____ / _____ / _____ / _____ Exp. Date: _____ / _____

Signature: _____ Date: _____ / _____ / _____

Registration confirmations will not be sent. Please contact Jean Williams at Jean.Williams@ncdoi.gov or (919) 661-5880 (x260) if you need to verify registration.

NC BUILDING INSPECTORS ASSOCIATION 55th ANNUAL CONFERENCE

SUNDAY, JULY 31, 2011

8:00 AM GOLF TOURNAMENT, BLACK MOUNTAIN GOLF COURSE
2:00 – 5:00 PM REGISTRATION (LOBBY)
3:00 – 5:00 PM NOMINATING COMMITTEE (HOSPITALITY ROOM)
6:30 – 7:00 PM BUSINESS SESSION - PRESIDENT'S MESSAGE
7:00 – 9:00 PM POOL-PARTY, FOOD AND DJ
9:00 – 11:00 PM HOSPITALITY ROOM OPEN

MONDAY, AUGUST 1, 2011

7:00 – 8:00 AM DIRECTORS AND PAST PRESIDENTS' BREAKFAST
8:00 – 5:00 PM ****VENDORS SHOWCASE**
8:00 – 10:00 AM REGISTRATION (LOBBY)
8:30 – 9:40 AM OPENING SESSION -
HARRY VAN WAGENEN, PRESIDENT
INVOCATION - LES EVERETT
PLEDGE OF ALLEGIANCE - STEVE SUDDERTH
WELCOME - MAYOR BELLAMY AND GUESTS
ADDRESS - JIMMY BROTHERS, PRESIDENT
ICC BOARD OF DIRECTORS
INTRODUCTION OF ICC REPRESENTATIVES
9:40 – 10:00 AM *BREAK*
10:00 – 11:00 AM LEGISLATIVE UPDATES - RICHARD DUCKER,
INSTITUTE OF GOVERNMENT
11:00 – 12:00 AM NOMINATING COMMITTEE (HOSPITALITY ROOM)
11:00 – 2:00 PM ****VENDORS SHOWCASE**
(LUNCH SERVED AT 12:00 NOON)
2:00 – 2:50 PM LEGAL ISSUES & EXAMPLES
BARRETT GRAHAM, ATTORNEY
2:50 – 3:10 PM *BREAK*
3:10 – 4:00 PM LEGAL ISSUES & EXAMPLES
BARRETT GRAHAM, ATTORNEY
4:00 – 5:00 PM NOMINATING COMMITTEE (HOSPITALITY ROOM)
DINNER (ON YOUR OWN)
9:00 – 11:00 PM HOSPITALITY ROOM OPEN

TUESDAY, AUGUST 2, 2011

8:00 – 9:00 AM REGISTRATION (LOBBY)
8:30 – 9:00 AM NC BIA UPDATE
HARRY VAN WAGENEN, PRESIDENT
9:00 – 9:50 AM ACCESSIBILITY - CODE VS ADA
LAUREL WRIGHT, NCD OI
9:50 – 10:10 AM *BREAK*
10:10 – 11:00 AM ACCESSIBILITY - BATHROOMS
LAUREL WRIGHT, NCD OI
11:00 – 12:00 PM NOMINATING COMMITTEE (HOSPITALITY ROOM)
11:00 – 1:00 PM LUNCH (ON YOUR OWN)
1:00 – 1:50 PM BUILDING CODE UPDATES
BARRY GUPTON, NCD OI

2:10 – 3:00 PM BUILDING CODE UPDATES
BARRY GUPTON, NCD OI
3:00 – 3:20 PM *BREAK*
3:20 – 5:00 PM BUSINESS SESSION (PRESIDENT'S REPORT,
COMMITTEE REPORTS, ELECTION OF OFFICERS)
5:30 – 6:30 PM SOCIAL HOUR (CASH BAR)
6:30 – 8:00 PM BANQUET, AWARDS, DOOR PRIZES
8:00 – 9:00 PM VW BOYS BLUEGRASS & CLOGGERS
9:00 – 11:00 PM HOSPITALITY ROOM OPEN

WEDNESDAY, AUGUST 3, 2011

9:00 – 11:30 AM BREAKFAST BUFFET (EVERYONE INVITED)
BUSINESS MEETING
(NEW PRESIDENT'S MESSAGE, STRATEGIC PLANNING)
FINAL REMARKS
DOOR PRIZES
ADJOURNMENT

***THE VENDORS ROOM IS OPEN ALL DAY FROM 8AM UNTIL 5PM. PLEASE VISIT AND SHOW YOUR APPRECIATION FOR THEIR SUPPORT.*

COMPANION'S PROGRAM

SUNDAY, JULY 31, 2011

8:00 AM GOLF TOURNAMENT,
BLACK MOUNTAIN GOLF COURSE
(MEET IN LOBBY AT 7:00 AM)
6:30 – 7:00 PM BUSINESS SESSION - PRESIDENT'S MESSAGE
7:00 – 9:00 PM POOL-PARTY, FOOD AND DJ
(POOLSIDE, WEAR CASUAL ATTIRE)

MONDAY, AUGUST 1, 2011

8:30 – 9:30 AM OPENING SESSION
AFTERNOON SHOPPING, SUNBATHING
(ON YOUR OWN)
7:00 – 9:00 PM FAMILY ENTERTAINMENT
(ON YOUR OWN)

TUESDAY, AUGUST 2, 2011

9:00 – 10:00 AM CONTINENTAL BREAKFAST
(HOSPITALITY ROOM)
AFTERNOON SHOPPING, SUNBATHING
(ON YOUR OWN)
5:30 – 6:30 PM SOCIAL HOUR
6:30 – 8:00 PM BANQUET
8:00 – 9:00 PM VW BOYS BLUEGRASS AND CLOGGERS

WEDNESDAY, AUGUST 3, 2011

9:00 – 11:30 AM BREAKFAST BUFFET AND BUSINESS MEETING
ADJOURNMENT

North Carolina Code Officials Qualification Board

Quarterly Board Meeting

The quarterly meeting of the NC Code Officials Qualification Board was held at 1:00 PM on April 26, 2011 at 322 Chapanoke Road in Raleigh, NC. The next quarterly meeting is scheduled for July 26, 2011 at 1:00 PM. The agenda for each quarterly meeting can be found on our website at www.ncdoi.com.

Presentation of Fifth Standard Level III Certificates

At the April, 2010 meeting, Chairman Lutterloh presented one inspector with his fifth Standard Level III Inspection Certificate. Patrick Johnson of Johnston County Inspection Department was greeted and congratulated by each Board member.

Bryan Painter of Jackson County also earned his fifth Standard Level III Inspection Certificate during the last quarter but was unable to attend the Board meeting.

Congratulations to Mr. Johnson and Mr. Painter. The number of individuals achieving this level of certification is currently 209.

Keeping Up With Codes

The Engineering Division produces a free e-newsletter you might be interested in. The articles pertain to code interpretations, research on construction methods and materials, status updates on code changes, news from the Q-Board, etc.

To subscribe go to http://www.ncdoi.com/OSFM/Engineering/engineering_home.asp and click on the red box on the right that says "Sign up for Email Updates".

Renewals

The 2011 renewal season is quickly drawing to a close.

Continuing education sponsors are allowed two weeks after completion of a class to report attendance to DOI. Because inspectors are allowed to take classes up to June 30th, there are some classes which will not be recorded for up to two weeks. If you completed your continuing education during the month of June, this may result in a temporary delay of your renewal.

Because of this delay in receiving attendance records, renewal cards will not be printed until after the allotted time for reporting. Consequently, renewal cards will not be mailed until the end of July. In the meantime, you can visit the active inspectors list on the DOI website to check on your status. If your name is not on the list, you have not been renewed. If you completed classes in the month of June, it is most likely that those records have not been received yet - there is no reason to call staff, as we cannot update your status until the sponsor submits the class records. We will update the active inspectors list starting July 5th and every few days after - if you are one of those with last minute training, you should continue to check the list every few days until you see your name. The date that the list was updated appears on the list - be sure you are looking at an updated list!

If you have not completed your required 6 hours of continuing education, you can visit our website for a list of upcoming classes that you can take. There are also some on-line classes which can help you complete the requirement. Suspension notices will be mailed at the same time as the renewal cards.

Testing

Registration procedures are available on our website www.ncdoi.com. Please refer to the Exam Bulletin at the following link for further details concerning registration. www.iccsafe.org/certification/pdf/NorthCarolinaBulletin.pdf

You may submit the Exam Request Form at any time for exams taken at Pearson VUE. Just remember, you will need Board approval prior to scheduling an exam with Pearson VUE. Please submit a standard application and Exam Request Form upon completion of all exam requirements. The NC Code Official Qualification Board staff still reviews each standard application for completeness and accuracy, check completion of courses and any other requirement(s) necessary to take the state exam. Although we continue to streamline the process, keep in mind that we must receive confirmation of course completion before we can approve you for an exam.

When you visit the ICC website to sign up for a North Carolina exam, please be sure that you sign up for the correct exam. ICC exams are registered through the same portal and we have had several applicants sign up for the wrong exam. When you are approved by Qualifications Board staff, you are mailed an approval letter. Within that letter is a code indicating the appropriate exam. You need to provide this code during registration. If you register over the phone, be sure to indicate that you want to take a NC exam.

After you register you are sent confirmation. Read that confirmation and check it to be sure you have the correct exam. If you do sign up for the wrong exam, it should be evident as ICC exams do not use the same level conventions (I, II, or III) and also cost more. If you discover that you have made an error, please contact staff immediately to get it corrected - before you take the wrong exam. Once you take an exam, there is almost no way to receive a refund even if it is the wrong exam.

Please read and check the testing documentation sent to you, as it contains important information.

Certificate Issuance

Please keep in mind that certificates are issued by the Board once a quarter. If you need a certificate to be issued during a certain quarter, you must successfully complete an exam at least 2 weeks prior to the Board meeting, including any challenges that you might wish to make. In order to receive a certificate this quarter, you will need to take and pass your exam by July 12th.

Continuing Education

Continuing Education Course Schedule

Please visit http://www.ncdoi.com/OSFM/Engineering/COQB/engineering_coqb_CE_Class_Listing.asp to view a listing of currently

scheduled continuing education courses. This tool allows course sponsors to advertise courses approved by the Board to CEOs across the state. Since the tools implementation, the listing of course offerings continues to grow thus making it easier for inspectors to find courses that are new, varied, and also pertinent to their particular jurisdiction as they seek to fulfill their continuing education requirements each year. Courses are sortable by technical area.

Please keep in mind that courses may still require advance registration and may be limited in size based on available space or instructor requirements. Contact information is provided with each listing so that you may inquire about attending, well in advance of the class date.

As you attend courses that you find valuable, please encourage the course instructor and/or sponsor to include future offerings at the website so that your fellow inspectors can benefit from the information as well.

Continuing Education Report

A Continuing Education Report is available online at www.ncdoi.com which shows each individual with an active standard or limited certificate and the number of hours of continuing education completed over the last 3 years, the current year, and any carryover hours available for renewal year 2011. If you see any irregularities in this report, please notify staff immediately to prevent the possibility of suspension at the end of the renewal year over an error.

Errors result when incorrect information is submitted to document your participation in a course. It is imperative that you provide the course instructor with your correct Standard or Limited Certificate number and full, complete name. Providing your ID number or wrong

certificate number (a plumbing certificate number for a building course, for example) will result in you not receiving proper credit for a course. Providing an incomplete name (i.e. providing a nickname or using your middle name) can also create confusion during reporting.

Please make sure your CE Instructor or Coordinator provides a Certificate of Completion for each continuing education course you complete. This is your only proof of attendance and may be the only way to document course credit if there is a discrepancy on the Continuing Education Report. The CE Instructor or Coordinator is required to provide this documentation. If you are having difficulty obtaining this information or if you have any questions concerning the continuing education program or the application of continuing education credit hours, please contact the staff if at 919-661-5880.

Staff and E-mail Addresses

E-mail addresses for the Board's staff are as follows:

Samantha Ewens, PE, Director

Samantha.Ewens@ncdoi.gov

Kathy Williams, Qualifications Service Supervisor

Kathy.Williams@ncdoi.gov

Sarah van Doornewaard, Administrative Asst.

Sarah.VanDoornewaard@ncdoi.gov

Shane Phelps, Certification Engineer and Investigator

Shane.Phelps@ncdoi.gov

Suzanne Taylor, Certification Engineer and Investigator

Suzanne.Taylor@ncdoi.gov

Celestine Phill, Education Coordinator

Celestine.Phill@ncdoi.gov

Current Standard Inspection Courses – July 1, 2011

Area	Lev	Begin	End	Days	Time	College Name
Building	I	9/23/2011	10/2/2011	Fri - Sun	8:00 - 5:00	Wilkes CC
Building	I	10/14/2011	10/23/2011	Fri - Sun	8:00 - 5:00	Central Piedmont CC
Building	I	10/15/2011	10/30/2011	Sat - Sun	8:00 - 5:00	Craven CC
Building	II	7/15/2011	7/24/2011	Fri - Sun	8:00 - 5:00	Central Piedmont CC
Building	II	8/12/2011	8/21/2011	Fri - Sun	8:00 - 5:00	Wilkes CC
Building	III	7/8/2011	7/17/2011	Fri - Sun	6 - 10; 8 - 5	Coastal Carolina CC
Building	III	10/14/2011	10/23/2011	Fri - Sun	8:00 - 5:00	Central Piedmont CC
Building	III	10/28/2011	11/6/2011	Fri - Sun	8:00 - 5:00	Wilkes CC
Electrical	I	7/13/2011	7/29/2011	Wed - Fri	8:00 - 5:00	Wilkes CC
Electrical	I	7/19/2011	9/29/2011	Tue and Thurs	7:30 - 9:30	Cape Fear CC
Electrical	I	7/29/2011	8/14/2011	Fri - Sun	8:00 - 5:00	Davidson CC
Electrical	I	9/14/2011	9/23/2011	Wed - Fri	8:00 - 5:00	Wilkes CC
Electrical	I	9/30/2011	10/9/2011	Fri - Sun	8:00 - 5:00	Central Piedmont CC
Electrical	II	7/9/2011	7/17/2011	Sat - Sun	8:00 - 4:30	Fayetteville Tech CC
Electrical	II	7/15/2011	7/23/2011	Fri - Sat	6-10; 8-5	Randolph CC
Electrical	II	7/22/2011	7/30/2011	Fri - Sat	8:00 - 5:00	Central Piedmont CC
Electrical	II	8/2/2011	8/11/2011	Tues and Thurs	8:00 - 5:00	Asheville-Buncombe CC
Electrical	II	8/3/2011	8/6/2011	Wed - Sat	8:00 - 5:00	Wilkes CC
Electrical	II	10/13/2011	10/21/2011	Thu - Fri	8:00 - 5:00	Wilkes CC
Electrical	III	7/30/2011	8/7/2011	Sat - Sun	8:00 - 4:30	Coastal Carolina CC
Electrical	III	8/17/2011	8/20/2011	Wed - Sat	8:00 - 5:00	Wilkes CC
Electrical	III	10/7/2011	10/15/2011	Fri - Sat	8:00 - 5:00	Central Piedmont CC
Electrical	III	10/28/2011	11/12/2011	Sat - Sun	8:00 - 5:00	Davidson CC
Electrical	III	11/16/2011	11/19/2011	Wed - Sat	8:00 - 5:00	Wilkes CC
Fire Prevention	I	9/2/2011	9/17/2011	Fri Sat	8:00 - 6:00	Davidson CC
Fire Prevention	I	9/8/2011	9/17/2011	Thu - Sat	8:00 - 5:00	Wilkes CC
Fire Prevention	I	9/24/2011	10/2/2011	Sat - Sun	8:00 - 6:00	Cleveland CC

Current Standard Inspection Courses – July 1, 2011

Area	Lev	Begin	End	Days	Time	College Name
Fire Prevention	I	11/3/2011	11/12/2011	Thu - Sun	8:00 - 5:00	Craven CC
Fire Prevention	I	12/2/2011	12/10/2011	Fri - Sat	8:00 - 5:00	Wayne CC
Fire Prevention	II	7/16/2011	7/24/2011	Sat - Sun	8:00 - 5:00	Cleveland CC
Fire Prevention	II	7/25/2011	7/28/2011	Mon - Thur	8:00 - 5:00	Cape Fear CC
Fire Prevention	II	8/5/2011	8/13/2011	Thu - Fri	8:00 - 5:00	Wayne CC
Fire Prevention	II	8/12/2011	8/20/2011	Fri - Sat	8:00 - 5:00	Wilkes CC
Fire Prevention	III	8/19/2011	8/21/2011	Fri - Sat	8:00 - 5:00	Davidson CC
Fire Prevention	III	8/29/2011	8/31/2011	Mon - Wed	8:00 - 5:00	Cape Fear CC
Fire Prevention	III	9/23/2011	9/25/2011	Fri - Sun	5-10; 7:30 - 6	Coastal Carolina CC
Fire Prevention	III	10/21/2011	10/23/2011	Fri - Sun	8:00 - 5:00	Cleveland CC
Fire Prevention	III	11/3/2011	11/5/2011	Thu - Sat	8:00 - 5:00	Wilkes CC
Fire Prevention	III	11/4/2011	11/6/2011	Fri - Sun	8:00 - 5:00	Wayne CC
Law and Administration		7/8/2011	7/10/2011	Fri - Sun	7-9; 8-5; 8-2	Craven CC
Law and Administration		7/16/2011	7/17/2011	Sat - Sun	8:00 - 5:00	Wilkes CC
Law and Administration		7/22/2011	7/24/2011	Fri - Sun	7-10; 8-5; 8-12	Vance-Granville CC
Law and Administration		8/13/2011	8/14/2011	Sat - Sun	8:30 - 5	Davidson CC
Law and Administration		9/9/2011	9/11/2011	Fri - Sun	8:00 - 6:00	Coastal Carolina CC
Law and Administration		9/23/2011	9/25/2011	Fri - Sun	7-9; 8-5; 8-2	Craven CC
Law and Administration		9/30/2011	10/1/2011	Fri - Sat	8:00 - 5:00	Central Piedmont CC
Law and Administration		10/7/2011	10/10/2011	Fri - Sun	7-10; 8-5; 8-1	Cape Fear CC
Law and Administration		11/5/2011	11/6/2011	Sat - Sun	8:00 - 5:00	Wilkes CC
Law and Administration		11/5/2011	11/6/2011	Sat - Sun	8:30 - 5	Davidson CC
Law and Administration		11/11/2011	11/13/2011	Fri - Sun	7-10; 8-5; 8-12	Cleveland CC
Mechanical	I	10/8/2011	10/16/2011	Sat - Sun	8:00 - 5:00	Davidson CC
Mechanical	I	10/15/2011	10/23/2011	Sat - Sun	8:00 - 5:00	Central Piedmont CC
Mechanical	I	11/5/2011	11/13/2011	Sat - Sun	8:00 - 5:00	Craven CC
Mechanical	II	7/22/2011	7/24/2011	Fri - Sun	8:00 - 5:00	Central Piedmont CC
Mechanical	III	7/9/2011	7/10/2011	Sat - Sun	8:00 - 5:00	Fayetteville Tech CC
Mechanical	III	7/23/2011	7/24/2011	Sat - Sun	8:00 - 5:00	Wilkes CC
Mechanical	III	8/27/2011	8/28/2011	Sat - Sun	8:00 - 5:00	Coastal Carolina CC
Mechanical	III	10/15/2011	10/16/2011	Sat - Sun	8:00 - 5:00	Central Piedmont CC
Plumbing	I	8/19/2011	8/27/2011	Fri - Sat	8:00 - 5:00	Davidson CC
Plumbing	I	10/1/2011	10/9/2011	Sat - Sun	8:00 - 5:00	Central Piedmont CC
Plumbing	II	7/15/2011	7/17/2011	Fri - Sun	8:00 - 5:00	Central Piedmont CC
Plumbing	II	7/29/2011	7/31/2011	Fri - Sun	8:00 - 5:00	Wilkes CC
Plumbing	III	7/9/2011	7/10/2011	Sat - Sun	8:00 - 5:00	Wilkes CC
Plumbing	III	9/10/2011	9/11/2011	Sat - Sun	8:00 - 5:00	Coastal Carolina CC
Plumbing	III	10/15/2011	10/16/2011	Sat - Sun	8:00 - 5:00	Central Piedmont C

Course listings are updated often during the year. Call the college for the most current courses.

Because of the accelerated nature and the concentrated time frame in which the Standard Code courses are offered, students should be aware that the Standard Code courses are not elementary and will require intense study to successfully complete the classes. Those enrolled need to be thoroughly familiar with the codes. Therefore, it is recommended that students purchase their copies of the codes well in advance of the class and assemble them. It is also recommended that students read the code books to determine their knowledge of the material. Students need to be familiar with the code, prior to taking the course.

MINIMUM REQUIRED COURSE HOURS

Course	Hours	Course	Hours
Law and Admin	15	Mechanical Level I	32
Building Level I	48	Mechanical Level II	24
Building Level II	40	Mechanical Level III	16
Building Level III	40	Plumbing Level I	32
Electrical Level I	40	Plumbing Level II	24
Electrical Level II	30	Plumbing Level III	16
Electrical Level III	30		
Fire Preven Level I	36		
Fire Preven Level II	32		
Fire Preven Level III	24		

NC CODE OFFICIALS QUALIFICATION BOARD

List of Community Colleges and Technical Institutes Teaching Standard Inspection Certificate Courses

Community College	Location	Primary Contact	Secondary Contact	Telephone
Alamance CC	Graham	David Parker	John Moyers	336-578-2002
Asheville-Bun. Tech CC	Asheville	Nancy Troxler, X5824	Skye Myrick X5836	828-254-1921
Asheville-Bun. Tech CC	Asheville	John Witherspoon, X 844		828-254-1921
Beaufort County CC		David Crosby		252 940-6262
Blue Ridge CC	Hendersonville	Elaine Handville		828-694-1779
Brunswick CC	Supply	John Winders		910-279-0478
Caldwell CC	Hudson	Norm Staines		828-726-2200
Cape Fear CC	Wilmington	Teresa Criser		910-362-7319
Cape Fear CC (B)	Burgaw	Pam Britt		910-675-1439
Carteret CC	Morehead City	Robert Espenship		252-222-6201
Catawba Valley CC	Hickory	Susan Killian		828-327-7000
Central Carolina CC	Sanford	Teronda McNeil	Landis Phillips	919-718-7291
Central Carolina CC	Sanford	Joey Shue		919-776-5601
Central Piedmont CC	Charlotte	Steve Corriher		704-330-4421
Central Piedmont CC	Charlotte	Shelia Tzerman		704-330-4408
Central Piedmont CC	Charlotte	Harley Cook (Fire Courses at CPCC)		704-330-4631
<i>Charlotte Fire Dept.</i>		Teresa Alexander (Fire Courses at CPCC)		704-336-2058
Cleveland CC	Shelby	Jimmy Hensley		704-484-4058
Coastal Carolina CC	Jacksonville	Steve Forney		910-938-6228
College of the Albemarle	Elizabeth City	Carol Schenck, X2518		252-335-0821
College of the Albemarle	Dare Co.	Tim Shearin, X240		252-473-2264
Craven CC	New Bern	George Kramer		252-638-7289
Davidson County CC	Lexington	Teresa Kines	Madelyn Gentry	336-751-2885
Durham Technical CC	Durham	Timiya McCormick		919-536-7240
Fayetteville Technical CC	Fayetteville	Sherry Turpin	Jane Pfeffer	910-678-8227
Forsyth Technical CC	Winston-Salem	Wesley Hutchins, X7769	Robert Leslie	336-723-0371
Guilford Technical CC	Jamestown	Bob Plain, X2586	June Boswell, X2821	336-334-4822
Gaston CC	Gastonia	Beth Hollars	Marty Farmer	704-922-6250
Halifax CC	Weldon	Kevin Kupietz	Sandra Hammack	252-533-8416
Haywood CC	Clyde	Terry Taylor		828-627-4617
Isothermal CC	Spindale	Debbie Hollifield, X 345		828-286-3636
Johnston CC	Smithfield	Starr Beal		919-209-2081
Lenoir CC	Kinston	Phoebe Emory X 713	Sarah Lane X 722	252-527-622
Mitchell CC	Statesville	Gordon Knight		704-978-5446
Nash CC	Rocky Mount	Shannon Orndorff		252-451-8312
Piedmont CC	Roxboro	Phyllis Gentry		336-599-1181
Pitt CC	Greenville	Gail Nichols		252 493-7625
Richmond CC	Hamlet	Pam McKay		910-410-1704
Randolph CC	Asheboro	Lewis Edwards		336-633-0217
Robeson CC	Lumberton	Johnny Baker, X21	Tammi Bozeman, X22	910-738-7128
Rockingham CC	Wentworth	Randy Evans, X2390		336-342-4261
Rowan-Cabarrus CC	Salisbury	Roger McDaniel, X3501	Jeanie Moore	704-788-3197
Sandhills CC	Pinehurst	Lynn Beith		910-695-3939
Southeastern CC	Whiteville	David Ranson X314	Annette Dorman	910-642-7141
Southwestern CC	Sylva	Scott Sutton	Susan McCaskill	828-586-4091
Surry CC	Dobson	Greg Smith		336-386-3331
Tri-County CC	Murphy	Ed Smith	Lisa Thompson	828-837-6810
Vance-Granville CC	Henderson	Curtis Tyndall		252-738-3273
Wake Technical CC	Raleigh	Abo Abazid		919-866-5828
Wayne CC	Goldsboro	Carlos Cotto, X219		919-735-5152
Wilkes CC	Wilkesboro	Calvin Dull	Abby Combs	336-838-6208
Wilson Technical CC	Wilson	Robert Holsten		252-291-1195

NOTE: Pre-registration is required at least ten days prior to the beginning date of each course. Each community college may increase the cost of the course depending upon the number of students that have pre-registered. In the even of a cost increase, the community college will notify all students that have pre-registered.

TEXTBOOKS

Building, Level I: 2009 Building, Residential Codes and 2004 Manufactured Buildings/Mobile Home Regulations

Building, Level II and III: 2009 Building Code

Electrical: 2008 Electrical Code

Fire Prevention: 2009 Fire Prevention Code

Mechanical: 2009 Mechanical and Fuel Gas Code

Plumbing: 2009 Plumbing Code

Law and Admin: 2009 Administrative Code and Policies, Board Rules

To purchase Codes and Board Rules, contact Publications: 919-661-5880. Allow at least two weeks for delivery.