



The Tool Box

Serving the Electrical, HVAC & Plumbing Industries Since 1912

Volume 16, Issue 227 June 1, 2019

Message From Associate President Leslie Whitehurst

It is with mixed emotions that I write my farewell message. I have enjoyed serving as your State Associate President very much, but I must admit that it will be nice to relinquish my duties and have more time to enjoy myself at this year's convention at the Reunion Resort in Florida! Unless you have been behind the scenes you have no idea how much hard work Mona and the officers put into providing the members of the MCASC with the best convention experience possible.

I started my second year as State Associate President by assisting with the 2018 MCASC Summer Convention at the Hammock Beach Resort. You have not truly lived until you have survived Costco with Mona! I also attended quite a few chapter meetings as well as the Statewide Meeting and once again assisted with the Midlands Nine at Night Golf Tournament.

I think the biggest accomplishment our Association made during the past year was the decision to revamp the scholarship program to put more emphasis on assisting with technical and apprentice education for those that wish to enter our field. The decision was also made to provide on-going training for our members and their employees. To say that program has been a success would be an understatement. At our recent end-of-year Board meeting Mona presented us with a report on the program. Even though the program started halfway through the year, 22 classes were held with a total attendance of 448 people. This is an amazing member benefit that I hope everyone has the opportunity to take advantage of.

During the past two years I have spoken with several companies about joining our Association. One of the first questions always asked is, "What is in it for me?" The first benefit I always mention is the network opportunities our Association provides. I also speak from my own experience when I tell prospective members that you not only build business relationships, but also friendships. Our Association offers so many resources just because of the many different types of companies in our membership.

My other answer to "What's in it for me?" is this: You get out of your membership what you put into it. Go to the meetings, take advantage of the classes, volunteer to serve as an officer or just take a hospitality suite shift at the convention. Stay and help clean up after a meeting or offer to help with your chapter's fundraiser next year. Get involved!

I am so proud to be a member of the MCASC and have been honored to serve as your State Associate President the past two years. I couldn't have had two better State Presidents to work with than Duwayne Jacobs and Bob Miller. I wish Vaughn Padgett the best as your new State Associate President.

See you all by the pool in Kissimmee!

Best Regards,

Leslie Whitehurst

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**MCASC
Summer
Convention
Registration
Forms
Reunion
Resort & Golf Club
Kissimmee, FL
August 1-4, 2019
See Pages 6-9**



**Mechanical Member:
CENTRAL CONTROLS, INC.**

On October 1, 1984 Central Electric Co. was established by Albert Linden and Ray Wiedemann. Working with a little savings, a backyard work shop, and an old worn out school bus service truck, work began. Slowly with a lot of small electrical jobs and hard work things began looking up for this partnership. But, in the summer of 1987 we had the fortune of meeting Phil Wilson and Kent Walters with Control Management, Inc. and things really took off.

Ray Wiedemann retired in February, 1990 and Albert Linden took over 100% operation of the business which was renamed and incorporated to Central Controls, Inc. We provide SC contractors with quality installation of energy management and control systems. We have a proven history of installing systems that work for our clients. We provide mechanical contractors with quality and timely installation of mechanical equipment.

Central Controls, Inc. is a licensed Electrical Contractor in NC/SC and has an "Unlimited" contract classification. Central Controls, Inc. is located at 708 Dixiana Rd., West Columbia, SC.

We have a very dedicated group of employees that strive to provide our customers with the best service possible. Central Controls, Inc. will celebrate our 35th Anniversary in October, 2019. With two sons, Joey & Matt Linden in the business we hope to provide great service for many years to come.

**Central Controls, Inc.
708 Dixiana Road
West Columbia, SC 29172-3122
Phone: (803) 794-0487 Fax: (803) 764-1267**

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JUNE BIRTHDAYS

Clarice Lamb	6/1	Honorary Life Member	Wife of Russell
Duwayne Jacobs	6/3	R. C. Jacobs, Inc.	
Amy Teas	6/6	Smith & Stevenson, Inc.	Wife of Buz
Bill Campbell	6/9	Carrier Enterprises	Husband of Anne
Pat Hough	6/10	Honorary Life Member	Wife of Mike
Naomi Caswell	6/11	W. O. Blackstone & Co.	Wife of Lewis
Lynda Ferriott	6/12	Honorary Life Member	
Gary Kirkland	6/14	Honorary Life Member	
Rod Allen	6/15	H. R. Allen, Inc.	
Florence Miller	6/16	City Plumbing Co. of Florence, Inc.	Wife of Richard, Jr.
Bibs Babson	6/17	South Risk Management	Wife of John
Sandra Harbourt	6/19	H. R. Allen, Inc.	Wife of Stan
Susan Richardson	6/22	Atlantic Electric	Wife of Lee
Bobby Belt	6/24	Bobby Belt Plumbing Co. Inc.	
Mike Hough	6/25	Honorary Life Member	
Coles Dwight	6/26	Carolina Filters, Inc.	
Dr. Mary J. Frame	6/27	Human Resource Development	
Mona Flowers	6/28	MCASC State Office	
Lewis Cole	6/28	AAA Supply, Inc.	

Happy Birthday Members!

*We Would Like To Announce Yours. If you would like to be listed,
please call the Birthday Hotline at 803-772-7834 or Email to mflowers@mcasc.com*

“Tool Box Talks” - Safety Tip

HEAT SURVIVAL

Hot day, hot job, high humidity and BINGO another heat victim. No one is immune, and construction workers are prime candidates for heat related illnesses. During hot weather stay alert for telltale symptoms and remember these first aid tips:

HEAT EXHAUSTION - Symptoms are heavy sweating, nausea, headache, weakness, vomiting, tiredness, fast pulse. First Aid - Move to a cooler area, cool by wetting towels and wiping down the forehead. Remove any wet or sweat soaked clothing. Fan the victim. Do not give any fluids to a victim unless fully conscious. Follow up with a medical checkup.

HEAT CRAMPS - Symptoms are severe muscle spasms in the back, stomach, arms and legs, usually caused by drinking large quantities of water without replacing salt during periods of heavy perspiration. First Aid - Move to a cooler area. Make sure that no water is given unless fully conscious. When you do give water make sure that the victim takes only slow small sips. Get medical attention as soon as possible.

HEAT STROKE - Symptoms are high temperature and dry skin, rapid breathing and pulse. Victims may appear disorganized and confused, with headache, nausea, vomiting, diarrhea, seizures and the possibility of coma. First Aid - This is serious, so move fast to a cooler area and call an ambulance. Remove the outer clothing of the victim and apply cool water to the entire body. Fan the victim until professional medical help arrives.

To avoid heat illness, dress in cool clothing, wear your hard hat, don't over-exert your body during high temperature periods and get plenty of fluids. Remember that Heat related illnesses **MUST** have medical attention. If you are experiencing any of these heat related illnesses, going to the doctor will not affect your safety bonus, so go and get the medical attention you need. Heat illnesses should never be taken lightly.

Safety signs alert you to dangers and warnings - read them, understand them, obey them. They were posted for your benefit.

Condolences

**To The Family & Friends of &
The Staff of Atlantic Coast Electric Supply
North Charleston
On The Loss of
Rita T. Dixon**

Update Your Outlook

**Let us know if we need to update your Outlook
or if you know someone who does!**

Upcoming Events



**176th Annual MCASC Summer Convention
August 1-4, 2019
Reunion Resort, Kissimmee, FL**

**12th Annual Pee Dee Blast
Sporting Clays Event
Friday, September 20, 2019
Back Woods Quail Club, Georgetown**



Welcome New Members

**Midlands Ty Surginer
Carolina Cutting & Coring
Columbia
Brandon Eichler
Tradesmen International
West Columbia**

**Coastal: Sam Dorsett
Stanley Black & Decker, Inc. (DeWalt)
Mt. Pleasant**

Anniversary

**Mr. & Mrs. Albert Linden - 6/1
Mr. & Mrs. Vaughn Padgett
Mr. & Mrs Raymond DeAntonio
Mr. & Mrs. Tommy Walkup
Mr. & Mrs. Steve Hinds
Mr. & Mrs. Wyman Sox**

THE PIEDMONT AREA GREATLY APPRECIATES THE FOLLOWING
 COMPANIES GENEROUS SUPPORT OF THE
 13th ANNUAL CLAYS FOR EDUCATION BENEFIT, APRIL 26, 2019

- ★ **High Overall Individual:** Wes Dasher (92 WOW!)
- ★ **High Overall Team:** Team COMMERCIAL AIR
Mike Carver, Bill Huff, Randy Knight, Stan Todd
- ★ **High Overall Runner-Up:** Team EMERALD WELDING
David, Dillon, Grant, & Scott Whitehead
- ★ **High Overall 3rd Place:** Team HAJOCA #5
Mike Allen, Marion Bulware, Byron Haynie, Eddie Huff
- ★ **Lewis Class – 1st Place:** Team HAJOCA #3
Brandon Glover, Dan Jackson, Bob Jacques, Jason Prince
- ★ **Lewis Class – 2nd Place:** Team EASTERN INDUSTRIAL
Josh Davis, Mike DeShields, Dave Dozer, Bruce Henson
- ★ **Lewis Class – 3rd Place:** Team Shealy Electric
Bubba Bagwell, Tommy Dickmeyer, Michael Florence, Ben
- ★ **Winner of CV Shotgun:** Will Bailey
- ★ **Winner of Green Egg:** Gary Jacques
- ★ **Presenting Sponsors:** Hajoca Corporation Johnson Controls, Inc.
- ★ **Gold Team Sponsors:**

<ul style="list-style-type: none"> Adams Company, Inc. Cambridge Engineering Dewey’s Pawn Shop Eldeco Elliott Davis Emerald Welding Graybar Electric Supply Hoffman & Hoffman Johnstone Supply MCG Mechanical Mike Moore Sales Shealy Electrical Southway Cranes The Trane Company Victaulic 	<ul style="list-style-type: none"> CCS Construction Staffing Commercial Air Eastern Industrial Supplies Elite Petroleum Elmore Goldsmith. PA Faulkner Haynes & Associates Greenville Mechanical, Inc. James M. Pleasants Co., Inc. Mashburn Construction Mechanical Systems Solutions Piedmont Natural Gas Snider, Inc. Sunbelt Marketing United Rentals Viega
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- ★ **Event Sponsors:**

<ul style="list-style-type: none"> Hahn-Mason Air Systems, Inc. Miller HVAC Palmetto Air & Water Balance SKMES, Inc. Spinx Victaulic 	<ul style="list-style-type: none"> Kelly Pipe Milwaukee Valve Resolute Industrial Smith Kesler & Company Texas Pipe
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- ★ **Banner Sponsors:** Cambridge Lee, , Easley Mechanical, Gregory Electric, Hayes & Lunsford Electric, Inc., Johnstone Supply, Merfish, Merit Brass, Panelmatic, Peritus Engineers, Pro Marketing, Service Metals, Thermal Resource Sales
- ★ **Station Sponsors:** AAA Supply, Bradley-Hughes/Ipex, Carolina Sales Assoc/Mueller Steam, Dean Hall Insulation, Eldeco, Empire Hanger/Flow Reps, H & H/Zurn Industries, Hays Fluid Controls, Hughes Supply, Ideal Clamp/Flow Reps, Sanitary Plumbing Contractors
- ★ **Raffle Sponsors:** Allied Fitting Group, Bennet’s Frame Shop/Bryan Finch, Bradford Sales, Carson’s Nut & Bolt, Carson’s Nut, Bolt & Tool, Clemson University, Craft Stove & Patio, Delta, Dewey’s Pawn Shop, Elmo Strickland, Fowler’s/Bryan Finch, Graybar, Hajoca Corporation, Johnson Controls, Inc., Laurenda’s Restaurant, MA Stewart, Rocky Creek Sporting Clays, Ron Bennett, Ronnie Cox Gunsmithing, Shotgun Sports Plus, Inc., Smith Cooper International, Smith & Stevenson, Spinx, Texas Pipe, The Clinton House Plantation, The Tool Shed, Tin Lizzy’s, Trane, Victaulic, Viega, Wade’s Restaurant, Wild Wings, Woodfin Ridge

THE COASTAL AREA GREATLY APPRECIATES THE FOLLOWING COMPANIES GENEROUS SUPPORT OF THE CHARLESTON SLAM 11TH ANNUAL INSHORE FISHING TOURNAMENT MAY 18, 2019

WINNERS

Table with 4 columns: Species, Rank, Winner Name, and Weight. Rows include SPOT TAIL, TROUT, FLOUNDER, SHEEPSHEAD, and YOUTH ANGLER.

SPONSORS

T-SHIRT SLEEVES

Metro Electric Company Cullum Mechanical Construction

PLATINUM SPONSORS

Atlantic Electric Company H. R. Allen, Inc. Old Dominion Insulation Trane Feyen Zylstra Corp. James M. Pleasants Co., Inc. Sunbelt Rentals

GOLD SPONSORS

Atlantic Coast Electric Supply C. R. Hipp Construction, Inc. The Chapman Company Cummins Power Systems Faulkner Haynes & Associates Gateway Supply Company Johnson Controls, Inc. Murray Supply Company United Rentals, Inc. White Crane Blanchard Machinery CCS Construction Staffing Cullum Mechanical Construction Eastern Industrial Supplies Ferguson Enterprises, Inc. Hahn-Mason Air Systems, Inc. Metro Electric Company Thermal Resource Sales Victaulic

SILVER SPONSORS

Capital Electric Supply R. C Jacobs, Inc. Walkup Electrical Construction Control Management, Inc. RepSouth Zurn Industries

SHEEPSHEAD SPONSOR

H. R. Allen, Inc. Snider, Inc.

OTHERS

Graybar Electric Company, Inc. Captains Meeting

DOOR PRIZE DONATIONS

The Coastal Area would like to thank everyone who generously donated door prizes to the event.

Up Up & Away ... Let's Laugh, Learn & Play!

The 176th Mechanical Contractors Association of South Carolina Summer Convention



August 1-4, 2019 MCASC Registration Form

Please complete form **By Friday, July 12, 2019** and fax to (803) 731-0390
Email To mflowers@mcasc.com or mail to P. O. Box 384, Columbia, SC 29202

Please List Names of Attendees & Indicate who will be playing Golf, Tennis, Fishing or Poker by circling a (G) for Golf, a (T) for Tennis, a (F) for Fishing or a (P) for Poker by the appropriate names:

Name: _____	G T F P	Name: _____	G T F P
Name: _____	G T F P	Name: _____	G T F P
Name: _____	G T F P	Name: _____	G T F P
Name: _____	G T F P	Name: _____	G T F P

Please List Any Food Allergies: _____

Company: _____

Address: _____

City/State/Zip: _____ Phone No.: () _____

Billing Information:

Please Invoice Company: _____ My Check Is Enclosed: _____

Hotel Information: Please Refer To The Enclosed Reservation Form

MCASC attendees will receive a group discounted rate if reservations are made by Friday, July 12th
 The Resort Service Fee is 11.5% & Includes In-Resort Services Such As Self And Valet Parking, High Speed Internet Access, Resort Guest Shuttle Service, Local And Toll-Free Calls, In Room Coffee Service, In Room Newspaper Services And Access To The Fitness Center.
 Reservations can be made after the deadline date at regular prices based on availability.
 Make your reservations by calling: 1-877-778-2243 or faxing to 1-407-662-1065
 (Be sure to mention MCASC Booking Code: 0719MCASC to get our Group Rate)
 Call Or Complete the Enclosed Hotel Registration Form & Fax To Reunion Resort & Golf Club
 For more Hotel Information visit their website at www.reunionresort.com

Continued On Next Page

MCASC Fees For Up Up & Away ... Let's Laugh, Learn & Play!

Cost: \$475.00 per person, which includes the following:

- Daily Social Gatherings at The Hospitality Suite (hors d' oeuvres and your favorite adult beverages)
- Breakfast Meetings Friday Morning
- Members' Breakfast Friday Morning
- Educational Workshops, Friday Morning
 - “Retention – Keeping Our Good People Ours.” By: Stan Turner, Turner Consulting, LLC
 - “Estimating & Planning A Construction Project Designed For Success. A Deep Dive Into Setting Up, Tracking & Measuring Productivity On A Construction Project.” By: Mike Richardson, Atlantic Electric
 - “Identifying Opportunities To Maximize The Potential Of Your People & Profitability Of Your Company.” By: Chris Cullum, Cullum Constructors
- Pool Party To Include: Drinks, Dinner & Lots of Fun For Everyone Friday Evening
- Educational Workshops, Saturday Morning
 - “Leadership For First Line Supervision.” By: Stan Turner, Turner Consulting, LLC
 - “The Truth About SpeedReading.” By Dr. Frederick B. Lee
- Past Presidents' Reception & Dinner Saturday Evening With Special Entertainment
- Open Business Meeting, Awards & Farewell Breakfast Buffet Sunday Morning

Note To Parents: The Children Will Join The Adults On Friday Evening For The Pool Party. There Will Be A Planned Event For The Children On Saturday Evening While The Adults Attend The Past Presidents' Reception and Dinner.

Optional Activities:

Golf (Ocean Course): \$69.88 per person plus lunch \$24.95 for a Total of \$94.83

Sat., August 3rd 12:30 PM Modified Shotgun. Includes: Green & Cart Fee. To Book Personal Tee Times On Other Days Call 1-407-396-3199

*Golf Fees & Lunch will be billed to individual rooms

Tennis: \$40.00 Per Court / Per 90 Minutes - 6 Clay Courts (Sub-Surface Irrigation)

Pickle Ball: \$25.00 Per Court / Per 90 Minutes – Includes Paddles And Balls.

For Information On Tennis Or Pickle Ball Call 1-407-662-1630

Fishing: For Information Call Suzanne Troutt With Exclusive Destination Management

At 1-407-557-0789 For More Details Or Email: suzanne@exclusivedm.com

Prepare Yourself For An Adventure In Relaxation & Renewal At The Spa

Guests should make their own reservations by calling 1-407-662-4772 Or 1-407-396-3035

Kids Crew Programs

For More Details Call 1-407-396-3133

For Additional Information, Please Visit Their Website At www.reunionresort.com

**For Additional Information Call
MCASC State Office At (803) 772-7834**

NOTE: A full refund of MCASC Convention Registration Fees will be made on cancellations received prior to Friday, July 12, 2019. After that date, only 50% will be refunded up until Friday, July 19, 2019. Substitutions will be allowed.



7593 Gathering Drive • Kissimmee, FL 34747
 (407) 662-1000
 www.reunionresort.com

GROUP: MCASC SUMMER CONVENTION RESERVATION FORM
DATES: AUGUST 1 – AUGUST 4, 2019

CUT-OFF DATE: JULY 12, 2019

GROUP RATES ARE AVAILABLE 3 DAYS PRE AND POST CONVENTION DATES

Name: _____

Address: _____

Home Tel. # _____

Work Tele. # _____

Fax # _____

Room Request:	Luxury One Bedroom Villa	_____	\$179.00 plus resort nightly service fee and tax
	Luxury Two Bedroom Villa	_____	\$199.99 plus resort nightly service fee and tax
	Luxury Three Bedroom Villa	_____	\$219.00 plus resort nightly service fee and tax
	4 Bedroom House - ROH	_____	\$248.00 plus resort nightly service fee and tax
	5 Bedroom House - ROH	_____	\$300.00 plus resort nightly service fee and tax
	6 Bedroom House - ROH	_____	\$360.00 plus resort nightly service fee and tax

The room rate is subject to an 11.5% nightly Resort Services Fee. This fee is used to cover in-resort services such as self and valet parking, high speed internet access, resort guest shuttle service, local and toll-free calls, in room coffee service, in room newspaper services and access to the Fitness Center. This fee is subject to sales and occupancy taxes and can change without notice.

Arrival Date: _____ Departure Date: _____ # Of Adults / Children: _____ / _____

CREDIT CARD INFORMATION

Type of Card _____ Name on Card _____

Card # _____ Exp. Date _____

Additional Info: _____

- 1 night deposit will be taken at time reservation is made. Balance will be due upon check out.
- Reservations are subject to a 7 day cancellation policy. Please cancel reservations 7 days prior to arrival to avoid forfeiture of deposit.

**For Your Convenience, You May Book Your Reservation By Calling 1-877-778-2243
 (Booking Code: 0719MCASC) Or Book Online At:**

Your Presence and Presents Are Highly Sought After....

**Become a *Sponsor* for the
MCASC 176th Semi-Annual Summer Convention – August 1-4, 2019
Reunion Resort & Golf Club – Kissimmee, Florida**

By becoming a sponsor, your presence will be seen and known to all members and associate members through our "Tool Box", website, upcoming meetings, convention materials and events. And your Presents will allow the MCASC Summer Convention to be memorable. Don't miss this wonderful opportunity for you and your company to be promoted during the next couple of months.

DON'T DELAY BECOME A SPONSOR TODAY!

Sponsorship Packages Include the following opportunities. Please choose the one(s) you wish to sponsor, complete the form and email or fax to Mona at mflowers@mcasc.com or (803) 731-0390.

THURSDAY:

Board Of Directors Meeting	\$1,000.00
Hospitality Suite	\$2,000.00
Surcies & Prizes	\$500.00

FRIDAY:

Associate Member's Breakfast Meeting	\$2,500.00
Past President's Breakfast Meeting	\$1,500.00
Member's Breakfast	\$4,500.00
Educational Workshop(s)	\$2,500.00
Drinks At The Pool	\$2,500.00
Dinner At The Pool	\$6,000.00
Entertainment At The Pool	\$2,500.00
Hospitality Suite	\$1,500.00
Surcies & Prizes	\$500.00

SATURDAY:

Educational Workshop(s)	\$2,500.00
Ladies / Spouse Surcies	\$1,000.00
Golf Tournament (4 Sponsors - 2 For Front Nine & 2 For Back Nine)	\$250.00
Tennis Tournament	\$250.00
Fishing Tournament	\$250.00
Children's Program & Dinner (Ages 0-3)	\$500.00
Children's Program & Dinner (Ages 4 & Up)	\$500.00
Cocktail Reception Honoring Past Presidents	\$2,500.00
Dinner Honoring Past Presidents	\$6,000.00
Entertainment	\$2,500.00
Hospitality Suite	\$1,500.00
Surcies & Prizes	\$500.00

SUNDAY:

Pick A Winner Awards Breakfast / Open Business Meeting	\$3,000.00
Awards & Prizes	\$500.00

Yes, I Would Be Happy To Sponsor The _____
Please Invoice My Company For: \$ _____ Phone No. _____
Company Name: _____
By: _____ Date: _____

**Mechanical Contractors Association of South Carolina
 Post Office Box 384, Columbia, SC 29202-0384
 Phone: (803) 772-7834 Fax: (803) 731-0390
 Email: mflowers@mcasc.com Website: www.mcasc.com**

Robert Hooke
By: Tom Frisby (Repent from 11/1/2008)

When you push down on something and it springs back, the bounce back is a function of the force of the push down. It is not the “law of elasticity” by Robert Hooke that fascinates me; rather that it was developed before computers. It is not that the Empire State Building was constructed in around 12 months, but that it was scheduled and constructed before computers and Prima Vera software systems. And Dmitri Mendeleev said: “It is the function of science to discover the existence of the order of nature and causes governing this nature” and then went on to put together the periodic tables . . . without the benefit of a computer or even a calculator. And so for me it is not so much the wonderment of this discovery that fills me with awe, but that Mendeleev used what the other great scientists (such as Einstein, Leonardo and Galileo) used, and that was their minds.

And as I hear about our educational process failing when we have more computers per classroom and student than any other country in the world, I wonder what we are teaching. How to think or how to use a keyboard? When I was in grade school, I was never taught the alphabet, but I was taught how to sound out words and their meaning. I was taught how to figure out what a story was all about, but not memorize dates and names. I still stumble over the alphabet and my rote memory is not red hot.

We read the Bible at the supper table and discussed what we read; and thereafter when I took English in college, figuring out what the Dickens Shakespeare was talking about wasn't too difficult. I went through undergraduate and law school and never took an objective (true/false or multiple answers) test, but had to narrate my answer in a coherent, logical manner. All through school, my teachers challenged me, and taught me thereby to “think” about my response. I had only my wits, my Big Chief red tablet and a number two yellow pencil as my tools. So did my classmates.

I mention this for two reasons: the first is that I believe our educational system is not as horrible as the pundits would have us believe, but I believe it is deficient because it is not developing the most important resource we have – our minds. Our creative minds. The mind that enabled the caveman to figure out how to communicate through the use of the petroglyph, Leonardo to figure out how to make machinery and tools to improve productivity, Jefferson to figure out how to develop a system of government unlike any the world had ever seen and for Roosevelt to figure out how to beat the despot that would try to destroy that government.

And second, coming back to the industry I know and love . . . the construction industry . . . I too often see projects being “managed” by the computer, “scheduled” by the electronic software often so complex no one inside the company can truly use it and therefore must “outsource” the company's “thinking” to a scheduling consultant. In the case of the Empire State Building, that project might still be going on if the builder had relied exclusively on the computer. Instead, the partners got together and “used their heads” to figure out how to incorporate the steel and brick suppliers into the project, how to handle the traffic and material handling on the very narrow and busy streets of New York City. Like the new bridge in Charleston, the “team members” got together and continued to look ahead, figure out the best way to do things, to improve things. The operative terms were “got together” and “figure out”.

They did what Hooke did, or Mendeleev did. They used their heads. And on too many projects, I see General Contractors or Construction Managers who “tell” their subcontractors what to do, rather than to discuss the best and most productive way to do it. In Japan, there is a concept called “decision-thinking” by which the foreman and his crew plan out all new activities. I call it a “democratic dictatorship” there is input from the troops, but at the end there is the authoritarian who must direct and control. The concept of the three step quality program (P-I-F) is exactly that: the foreman, superintendent and owner's representative sit down before new activities, review the plans and specifications, material handling requirements, quality requirements and resources . . . before the crew begins the activity. This is what Leonardo would do: think about it, figure it out, try to come up with a better approach, make sure that everyone involved had ownership and accountability.

This is what the builders of the Empire State Building did. And the new bridge in Charleston.

A computer comes in handy. If we use our minds before we use the keyboard.

Lawyer, mediator, author, consultant and educator Tom Frisby has managed Charleston-based construction-consulting firm Frisby Consulting for 40 years. He can be reached at tffrizzle@gmail.com.

Associate Member: CCS CONSTRUCTION STAFFING

CCS Construction Staffing was founded on a few basic principles. One being, "Treat people the way you want to be treated." Because of the level of stress in staffing careers, the industry is notorious for low employee engagement and high turnover. CCS felt that if it could create a work environment that made employees happy, it could then achieve its business goal of providing the best client experience possible.

CCS feels at the heart of the client experience is relationships. This is why CCS is honored to have been founded right here in the Carolinas, and members of the MCASC for over a decade. During our time as members, we have had the pleasure of meeting and networking with some of the industry's most respected business owners, movers, and shakers. We are proud to have a local presence, but also the ability to support your business wherever it may take you.

We are committed to serving the needs of our clients and candidates with more flexibility, more attention to detail, and quicker turnaround than any other firm. Our mission is to help our clients finish their projects on time, on the dime.

CCS is a consistent industry leader and we are always looking at ways that we can continue to improve to better serve our customers and employees alike. We keep the customer experience first with updated payment methods, more detailed skills tests, and by using direct customer feedback to better identify what our employees can better be trained on. CCS understands that no two jobs are alike, we are flexible to whatever your needs are. OSHA safety training, job-specific orientations, fall protection, lift certifications are just a few ways that CCS aims to stay #1 in the staffing industry.

Contact Kayla Stitz at (843) 509-4517 or kayla@staffccs.com to find out how CCS can be a resource to your business!

CCS Construction Staffing
Mailing Address: PO Box 791638
Charlotte, NC 28206-7926
Phone: Kayla Stitz (843) 509-4517

**Congratulations to our next Associate & Mechanical Members who will be
highlighted in the upcoming issue of "The Tool Box":
Tradesmen International, West Columbia - Associate Member
H. R. Allen, Inc., Charleston - Mechanical Member**

SEPTEMBER 2019 MONTHLY AREA MEETINGS

MIDLANDS AREA

Thursday, September 5, 2019 @ 6:00 PM
Location: 1222 Bluff Road, Columbia
Sponsored By: Murray Supply Company

Topic: TBA
Speaker: TBA

PEE DEE AREA

Friday, September 20, 2019 @ 9:30 AM to 5:30 PM
Location: Back Woods Quail Club, 647 Hemingway Lane,
Georgetown
Sponsored By: Pee Dee Area

**12th ANNUAL PEE DEE BLAST
SPORTING CLAYS EVENT**

PIEDMONT AREA

Tuesday, September 17, 2019 @ 6:00 PM
Location: 412 Fairforest Way, Greenville
Sponsored By: Trane U. S., Inc.

Topic: TBA
Speaker: TBA

COASTAL AREA

Tuesday, September 24, 2019 @ 6:00 PM
Location: 4801-A Rivers Avenue, North Charleston
Sponsored by: Capital Electric Supply

Topic: TBA
Speaker: TBA



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*Serving mechanical contractors in
South Carolina since 1912.*

MCASC Executive Board & Staff

Edward Gibbs, President
Mike Richardson, Vice-President
Randall Owens, Treasurer
Bob Miller, Secretary
Vaughn Padgett, Associate President
Mona Flowers, Managing Director

Mechanicals make it happen -
Be part of the best!

MCASC Vision Statement

The Mechanical Contractors Association of South Carolina (MCASC) will be the leading construction association in South Carolina for specialty contractors and suppliers in the electrical, mechanical (HVAC), and plumbing fields by serving its membership, the industry, and the Community in a vibrant and harmonious fashion.

MCASC Mission Statement

The Mechanical Contractors Association of South Carolina (MCASC) will provide its membership with:

- current business/technical information and support
 - a proactive political/legislative agenda
- a joint industry collaboration to improve relative business practices
- an ongoing effort to offer training opportunities for both professional and craft personnel
 - educational scholarships for deserving students
- the development of industry related career opportunities

The Association's objective for this mission is to enhance the future of the Construction Industry in South Carolina.