

The Tool Box

Serving the Electrical, HVAC & Plumbing Industries Since 1912

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When I taught in the Writers Program at UCLA in the early '80's, I'd often assign a writing exercise that really got students creative juices flowing. Design an ideal day for yourself 10 years out, I'd instruct. Give specifics and provide details. Describe the view over the breakfast table. What are you doing in your life that's bringing you joy?

Many said it was the best thing they had ever been asked to do. I believe it's because the exercise encouraged them to *futurize*, in other words, to visualize events as we wish them to be in the days to come. I still remember one student telling me: "I've never thought much past the next weekend."

I believe strongly in the power of futurizing because it works. It certainly has worked for me. I started my career in 1982 as a freelance writer. I was living hand to mouth, but with tons of ambition and lofty dreams.

One New Year's Day during that period, I visualized one day living in a home in the hills above Santa Barbara with views of the Pacific Ocean. At the time, I was living in an apartment in Van Nuys, California, with views of ... a parking lot. Today I live in the house of my dreams, with views every bit as inspiring as in my imagination, with cruise ships docked in the harbor and on clear days, the Channel Islands in the distance.

I have written about the "[tragic Ice Storm in Texas last year](#)" which exposed the state's failure to weatherize its power-grid to prepare for more severe storms caused by climate change. A similar power outage a decade earlier produced stark warnings from experts that the state's Electricity Reliability Board should harden equipment and transmission facilities. But warnings went unheeded, and over 900 Texans died, frozen in place, waiting on help that never arrived.

What happened in Texas is emblematic of how we make decisions in the age of acceleration. We put off and delay. We kick the can down the road. We cross our fingers and hope that we're not in charge when things finally hit the fan. But the even bigger danger today is that we fail to futurize our thinking in order to capitalize on the upside of rapid, often relentless change; and go jet skiing on the blue oceans of tomorrow.

In my journalism days, I did a piece for the Los Angeles Herald Examiner titled "Motivational Speakers: Selling the New Gospel of Ambition and Success." It changed my life. I interviewed some of the great motivators of all time and studied their teachings: Zig Ziglar, Dr. Denis Waitley, David Schwartz, Earl Nightingale, Bob Richards, Robert Schuller and many others. One of the recommendations that all seemed to agree on was the power of visualizing and taking action daily to turn vision into reality.

I became hooked on the value of futurization: imagining and visualizing how you want it to be; setting goals that will accelerate you toward your dreams, and otherwise managing your mental environment. If there's anything I see holding us back, it's what Zig Ziglar called "stinkin' thinking" – wallowing in negativity and worry; not thinking big about our lives, about the size and shape and texture of what's possible if we put our minds to it.



My strong suggestion: marinate in how you want it to be, and it will be. Your “future view” determines the “future you.”

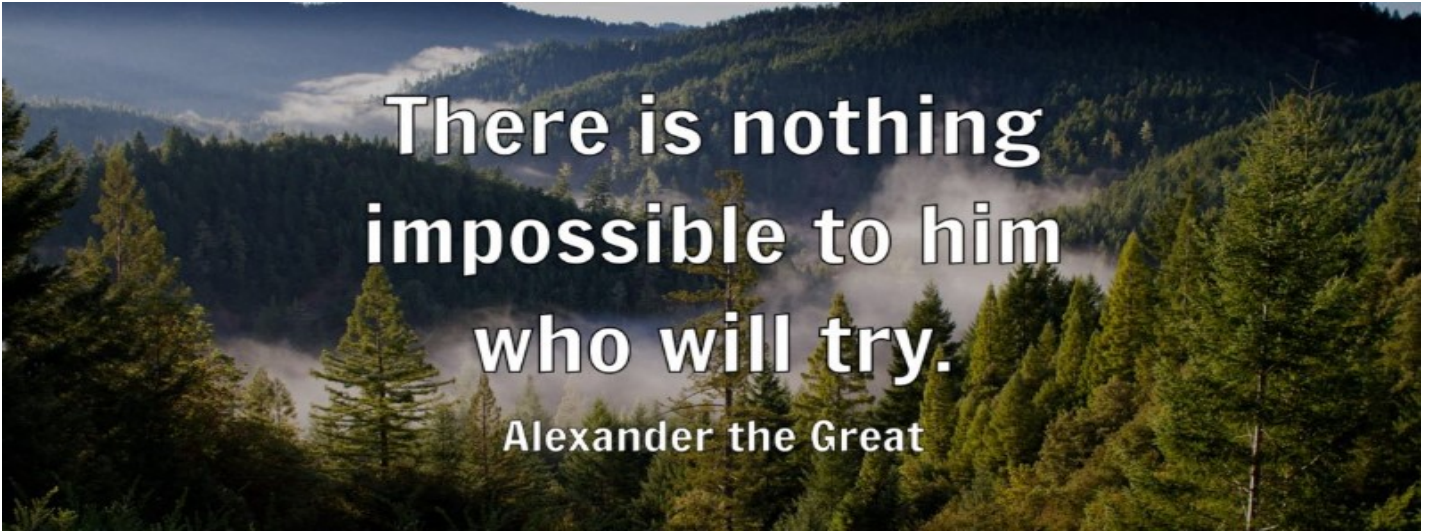
Futurizing is as elemental as checking your weather app before leaving home and taking your parka. It's Sam Walton flying in his airplane looking out the window at where a certain town seemed poised to grow and scoping out where his next Wal-Mart should be constructed. And futurizing is Jeff Bezos exhorting his team to think longer term, when his competitors were consumed with next quarter, and leapfrogging over them as a result.

How best to futurize? There are a million ways! One method that works for me is to remind myself to think farther out and consider implications. Before every important decision you make ask yourself a simple question: where will this trend, this technology, this development be in ten years and how might that factor into the decision I am about to make?

Robert B. Tucker is a global futurist and innovation keynote speaker with a client list that includes over 200 of the Fortune 500 companies. President and founder of The Innovation Resource, Tucker is an internationally recognized pioneer in the field of innovation. Tucker's highly interactive presentations lead audiences on a guided tour inside the world's most creative companies. Through stories and examples, Tucker shows leaders how to tap the mindset, skillset and toolset of innovation to embrace change, discover opportunity and avoid obsolescence. Known for his in-depth customization, Tucker provides today's leaders with practical strategies, cutting edge insights, and inspiration to take action once back at the office.

*Tomorrow is the most important thing in life. Comes into us at midnight very clean.
It's perfect when it arrives and it puts itself in our hands. It hopes we've learned
something from yesterday.*

John Wayne



**There is nothing
impossible to him
who will try.**

Alexander the Great



**What we need is
more people who
specialize in the
impossible.**

Theodore Roethke

Mechanical Member

CASHION *Electricians, Inc.*

The name Cashion has been associated with the electrical contracting business in Columbia for over one hundred years. Everett L. Cashion, Sr. established his business in Columbia in 1921, having studied Electrical and Mechanical Engineering at the Naval School of Brooklyn while serving in the U.S. Navy. In addition to electrical work, Cashion Electric Company also did plumbing, heating, sold lighting fixtures and even paint at one time. Electrical contracting was Mr. Cashion's primary area of work and he eventually phased out the rest. The business still operates out of the building Mr. Cashion built at 3415 Main Street in Columbia. He remained the majority stockholder until his death in 1973.

Eddie M. Williams, Jr., Mr. Cashion's son-in-law, started working with Mr. Cashion in 1947 after having served in the U.S. Air Force during WWII. He learned the business on the job, both in the field and in the office. Mr. Williams became President in 1963 and enjoyed a successful career of 39 years in the business. He is a former State President of the MCASC. Eddie retired in 1986.

Everett L. (Buddy) Cashion, Jr., joined the business in 1958 after having served in the U.S. Navy as an electrician's mate. The business incorporated at that time, with Mr. Cashion, Eddie and Buddy as stockholders and corporate officers. Buddy became President in 1986 and also enjoyed a successful career of 39 years in the business. Buddy retired in 1997.

John C. Williams became a full-time employee of Cashion Electricians, Inc. in 1975 after working part-time for the business since childhood. He became President in January 1998, following his grandfather, father, and uncle in the business that his grandfather started 77 years earlier. He has twice served as MCASC Midlands Area President.

Everett J. Cashion joined the business in 1978 and worked until 1987. He rejoined the business in 1996 and became Vice-President in January 1998, following his grandfather, uncle, and father in the business. John's sister, Laura W. Cowan, happily joined the office staff in 2002.

Associate Member



Founded in 1957, Consolidated Electrical Distributors, Inc. (CED) is a continuously growing network of electrical suppliers serving the local industrial manufacturers, commercial contractors, and original equipment manufacturers across the country.

Consolidated Electrical Distributors, Inc. (CED) has focused on meeting its customers' electrical requirements-one customer at a time. Even though CED has one of the nation's largest electrical distribution networks, with over 700 locations coast-to-coast, CED still does business based on the needs of the individual.

CED's commitment to quality is embedded in a basic premise that its customers are the reason for its existence. Achievement of this commitment is endorsed throughout the organization and is best exemplified in the principles of teamwork and doing the right things right the first time. CED's commitment to quality is also reflected in the manufacturers CED represents in each market area, all of whom endorse and support processes of continuous quality improvement.

"Tool Box Talks" - Safety Tip

WORKING AROUND CRANES

EXPERIENCE CAN BE THE WORST TEACHER

Experience teaches us a lot about working around cranes. But often the lessons are costly. For example: A laborer carrying a bag of cement walked between a crawler crane and a building column. The crane swung round and fatally crushed him between the counterweight and the column. On another job, a workman was leaning on the crane frame, talking with one of his buddies. The load came in contact with a live power line and he was electrocuted. Today, we'll discuss things we should and should not do when working around this equipment.

STAY OUT FROM UNDER

It's a smart move on your part to stay out from under suspended hooks and loads. There's always a chance that during a lift, the load could shift and fall. It may be a slim chance because of the good rigging techniques we use. But once is all it takes to cause a serious injury or a fatality. Also stay clear of swinging loads. That big "I" beam can squash you like a bug if you get in the way.

YOU'RE NOT SAFE WHEN NOT SEEN

Remember, too, that the crane operator may not see you. He's concentrating on moving his crane into position or swinging his load. Think of the swing area of the crane as "no- man's land." And stay out. The crane will have no sympathy if you get in the way. And it won't come out second best. I'll guarantee that.

OTHER DANGERS

Have you ever heard of a P.L.P.? It stands for Public Leaning Post. And a lot of people think that's what the crane is. They're asking for a shocking experience if the load or boom touches a live wire. So don't lean on the crane. Stay clear. It's too bad the workman we talked about earlier didn't take this advice. He'd still be around today. Of course, with all the overhead work going on, we always should wear our hard hats. Concrete slopped out of a lifted bucket can crack an unprotected skull. I don't understand why some persons never use the stairs or personnel hoists. They insist on "riding the hook." And they're asking for trouble when they do. It's one of the most dangerous means of transportation around.

USE EXTRA CARE AROUND CRANES

The crane is a fantastic piece of equipment. It saves us an enormous amount of work. But like anything else that's big and powerful, it can be dangerous. That's why I've taken the time to stress that you be extra careful when working around cranes.

Anniversaries

Mr. & Mrs. Ned Forsberg	9/1	60th anniversary!!	Carol
Mr. & Mrs. Todd Soderlund	9/12		Kristi

Condolences

Friends and Family of Ted Price
August 26, 2022

Happy Birthday Members!

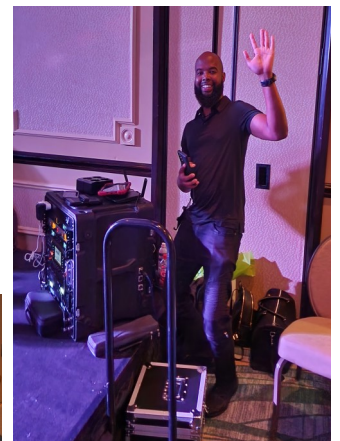
Gina Hinds	9/1	Smith, Kesler & Company	Wife of Steve
Tom Frisby	9/3	Honorary Life Member/The Frisby Group	
Stan Harbourt	9/3	H.R. Allen, Inc.	
Mike Richardson	9/4	Atlantic Electric Company	
Jake Shealy	9/5	Shealy & Sons Electric (retired)	
Lisa Simpson	9/7	Wife of Honorary Life Member Al	
Ned Forsberg	9/9	Honorary Life Member	
Renee Locklair	9/9	Jennings Dill	Wife of Andy
Linda Burkett	9/12	ASAC (Retired)	
Robert McWilliams	9/12	Columbia Cooling & Heating Co. (retired)	
Pete Bailey	9/15	C. R. Hipp Construction Co. Inc.,.	
Tom Brock	9/15	Past State President	
Mitch Knox	9/18	Johnson Controls	Husband of Allison
Wayne McCartha	9/18	Hilb d/b/a/ McCartha Cobb & Associates	
Paul Roesel	9/20	The Sack Company	
Tommy Walkup	9/20	Walkup Electrical Construction, LLC	
Donna Whatley	9/21	Greenville Mechanical, Inc.	Wife of John
Roddy Allen	9/23	H. R. Allen, Inc.	
Mitch Clark	9/24	RepSouth	
Del Laquiere	9/24	Triad Mechanical Contractors, Inc.	
Lisa Rabon	9/25	Wife of Honorary Life Member Jim	
Stephanie Karr	9/27	Yandle-Witherspoon Supply	Wife of Chris
Debbie Williams	9/29	Cashion Electricians, Inc.	Wife of John
Wanda Edwards	9/30	Wife of Honorary Life Member Gerald	
Darlene McGee	9/30	Honorary Life Member	
Bob Miller	9/30	Miller HVAC Service	

We would like to announce your Birthday too! If you would like to be listed, please call 803-772-7834.

2022 Summer Convention Memories



HAMMOCK BEACH, PALM COAST, FLORIDA AUGUST 4-7, 2022









MCASC Word Scramble



- | | |
|---------------------|-----------------------------|
| 1. Wpero: _____ | 11. Paacmyit: _____ |
| 2. Pmeeear: _____ | 12. Onortp: _____ |
| 3. Moh: _____ | 13. Doctorncu: _____ |
| 4. Teamnings: _____ | 14. Creeltno: _____ |
| 5. Paacriotc: _____ | 15. Efsu: _____ |
| 6. Yatebtr: _____ | 16. Ettyholerdciryic: _____ |
| 7. Bloumco: _____ | 17. Ragehc: _____ |
| 8. Malehrt: _____ | 18. Gametwat: _____ |
| 9. Treemam: _____ | 19. Sluecnu: _____ |
| 10. Neoad: _____ | 20. Buststaoin: _____ |

Answers to August's word scramble:

- | | |
|-----------------|----------------------|
| 1. Algae | 11. Microns |
| 2. Puron | 12. Acid |
| 3. Saturation | 13. Freon |
| 4. Element | 14. Dehumidification |
| 5. Relay | 15. Sequencer |
| 6. Vapor | 16. Heat |
| 7. Transformer | 17. Ventilation |
| 8. Gauges | 18. Thermocouple |
| 9. Humidity | 19. Plenum |
| 10. Low Voltage | 20. Dampers |

Contracting Puns

What Kind of a car does an electrician drive? ----- Volts wagon

What is another name for an electrical apprentice? ----- Shock Absorber

Backups are usually a good thing ----- Unless it's a sewer!

I'm a plumber.. . ----- My work is very draining!

HVAC actually stands for ----- Hot Very Angry Customer!

HVAC technicians are efficient because they have their "ducts" in a row!



MARK YOUR CALENDARS

Area Meetings & Up Coming Events

Piedmont Area

Tuesday, September 20, 2022 at 6:00 pm



Hosted by: Trane US, Inc.

Location: Local Cue (Green Room), 30 Orchard Park Dr Suite 7-8, Greenville, SC 29615

Speaker/Program: Andy Locklair, Jennings Dill & Will Bailey, Trane,

Program: "Strategies To Compensate For Supply Chain & Delivery Challenges"

Midlands Area

**Thursday, October 6, 2022 Joint Meeting with ASHRAE, ASPE, Columbia Contractors & NAWIC
Mill Creek Hunt Club off Bluff Road, Columbia**

Venue Hosted By: W.B. Guimarin & Co.

Dinner Sponsored by: Love Chevrolet Fleet & Gregory Electric

Speaker: Will Frierson, Director of Government Affairs, SC Chamber of Commerce

Program: Legislative Roundtable - Opportunity to Influence 2023 Legislative Agenda



Pee Dee Area

**15th Annual Pee Dee Blast Sporting Clays Event
Friday, September 16, 2022**

Back Woods Quail Club, Georgetown, SC



<https://mechanicalcontractorsassociati.ticketspice.com/midlands-area-joint-meeting-october-6-2022-mill-creek-hunt-club>

Coastal Area

Tuesday, September 27, 2022 at 5:30 pm



Sponsor/Hosted by: Hahn Mason, 4115 Dorchester Road, Building 200, Charleston, SC 29405

Speaker Sandy Morckel, Assistant Governor, Rotary District 7770

Program: "Rotary Clubs"

MCASC requires that all attendees follow the CDC and OSHA Guidelines when attending.



2022-2023 RECRUITMENT CHALLENGE!!

Effective NOW through May 31st, 2023!

ALL MEMBERS ARE ELIGIBLE TO COMPETE FOR A CHANCE TO WIN:



TWO COMPLIMENTARY



Registrations to the 2023 Summer Convention!

We are counting on you to break out your networking boots and inform prospective members about the benefits of being part of the

Mechanical Contractors Association of South Carolina!

We look forward to welcoming our new members and as a reminder; here are some of the benefits we continue to provide:

- an ongoing effort to offer free training opportunities for both professional & craft personnel
(Participation in our training program means "WE pay YOU to be a member!")
- a proactive political/legislative agenda
- current business/technical information & support
- a joint industry collaboration to improve relative business practices
- development of industry related career opportunities & work force development
- networking opportunities
- Group Health Insurance Program

Help us to continue to enhance the future of the construction industry in South Carolina!



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*Serving mechanical contractors
in South Carolina since 1912.*

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Mona Flowers
Managing Director

Congratulations to our Associate &
Mechanical Members who will be
highlighted in the next issue of

"The Tool Box"

Associate Member



Mechanical Member

Piedmont
Mechanical, Inc.

Update Your Outlook

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

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 Associations objective for this mission is to enhance the future of the Construction Industry in South Carolina.