

MESSENGER

Summer 2021



MDAVIS

One Source For All
Industrial Construction, Fabrication & Maintenance





A Message From Our Executive Committee

*Featuring Our Vice President of Strategic Development,
Christina MacMillan*

At M. Davis, we have always placed a particular emphasis on improvement, and we constantly look at how we can improve to help serve our customers' and community's needs more efficiently and effectively. This has been what makes us most resilient when it comes to taking on challenges such as economic downturns and, most recently, a pandemic.

When I started with the company over 20 years ago, we were mainly in the industrial space and chemical plants. I have watched us grow and diversify over the years into just about every market and expand our services from solely onsite construction, to fabrication, to support field services, to custom fabrication, and finally, to the full-blown manufacturing of equipment and processes. We have truly become a one-source provider for our customers' construction needs.

More recently, we have added an engineering group, because we saw the need to give our customers this valuable support during projects that may not have been fully designed or for modular construction projects that needed more detailed engineering and modeling. This offering has opened a whole new world for us, where we are able to support our customers not only with their developed projects but with new, more sustainable solutions that involve technology such as modular process intensification.

We are constantly evolving to make sure we are a true partner to our customers and can provide them with the best solutions. Although we continue to improve and innovate, some things must remain constant: people come first, and safety is at the forefront of everything we do. We truly believe in the craftsmanship, character, and commitment of our team. ■

WBENC 2021

“Focus on the Future”

A Virtual Conference

In lieu of an in-person National Conference and Business Fair, the Women's Business Enterprise National Council (WBENC) hosted a 4-day virtual conference on Tuesdays throughout the month of June. The WBENC is nationally recognized as the largest certifier of women-owned businesses in the United States.

With this year's theme entitled "Focus on the Future," the robust learning event concentrated on ensuring a successful and sustainable future for the WBENC network. Through industry-focused spotlights, panel discussions, and insightful conversation, this event helps support women-owned businesses by opening the floor for virtual networking and discussions on critical topics of importance for women business owners.

Did You Know?

M. Davis & Sons Offers Boiler Services!

Boiler malfunctions bring operations to a halt, causing expensive downtime and unnecessary spending. At M. Davis & Sons, we provide proactive boiler inspections and maintenance services to prevent these losses and keep boilers and facilities up and running as expected. We aim to prevent problems with your boiler before they occur.

Our technicians are ASME and National Board certified in boiler repairs, so you always get the best diagnostics and service. Our team is available 24/7 to handle your needs.

In addition to troubleshooting, diagnostics and repair, and calibration and monitoring, we also offer annual boiler cleaning and tuning as preventative measures.

Focus on the Future

WBENC 2021

SURVIVE | GROW | THRIVE

M. Davis & Sons proudly sponsored the event as a cochair. Our CEO, Peggy Del Fabbro, often talks about the impact our WBENC certification has made on our business. "It helped the company, but it also helped me to grow as an owner of the business. Learning from other women who own businesses is just invaluable," she states. Peggy is the First Vice Chair of the Women's Enterprise Forum, which serves in an advisory capacity for WBENC. M. Davis & Sons continues to attend and show support for WBENC virtual events, and we look forward to hopefully returning to in-person programming in 2022! ■



We offer refractory inspections, repairs, patches, and full replacements, as well as an inventory of boiler parts to ensure minimal downtime.

Our experienced and certified pressure vessel welders provide tube and tube sheet welding repairs, along with R-1 reports to document weld repairs. We are also capable of installing new boilers as part of our extensive offering of equipment installation services.

Please contact M. Davis & Sons at (800) 91-DAVIS or sales@mdavisinc.com for more information or to generate a quote. ■

Summer Safety Tips From the M. Davis Team



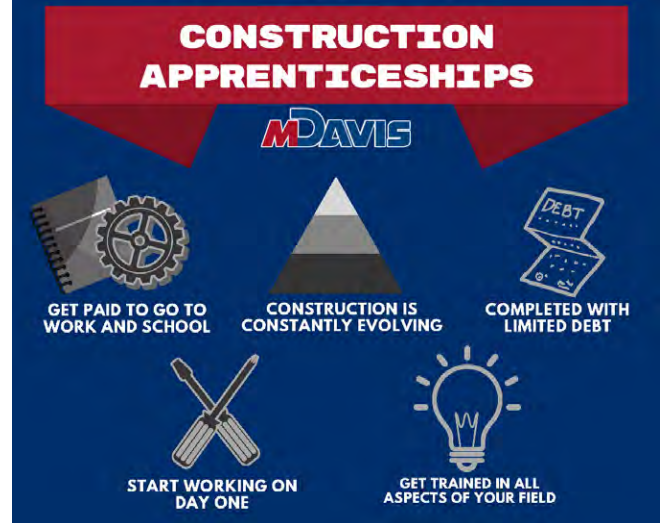
As the summer sun heats up, it is important to recognize the importance of safety during summer activities. M. Davis Safety Director Scott Cudmore has put together a list of simple things you can do to protect yourself and your family to ensure a safe, healthy, and happy summer.

- It is important to recognize that anybody can fall victim to heat-related illness. Talk to your doctor about your medications, as some medicines can make your body more susceptible to the heat. Drink plenty of water, avoid excess alcohol and caffeinated drinks, and take a few extra breaks when working or playing in the heat.
- There are many bugs that can transfer harmful bacteria into your body from a simple bite. Mosquito and tick bites are very persistent and can be a real threat to your health. Taking the time to use bug spray and clothing treatments when spending time outdoors can help keep the bugs away and your body safe.
- Summer is synonymous with barbecues, parades, and the display of fireworks. If you are planning on lighting some fireworks, ensure it is legal to do in your state. Never set any fireworks off that could leave your property, and do not use fireworks during drought conditions to avoid forest fires. Keep kids away and maintain a safe distance from all fireworks after lighting.
- Ensure that all gates to pools have working locks and that they are closed after you have entered or exited the pool area. Kids must always be watched to prevent a drowning accident—no excuses. Always use the buddy system when swimming. Most tragedies occur when solo swimming.
- Most boating experiences are positive, but joyful times can quickly turn deadly if boaters are not operating their vessels safely. Many boating accidents are due to inattentive operation and alcohol consumption, and thus the captain of the boat must be sober. Make sure that you always have enough life jackets for your crew. Depending on the state, children of certain ages may have to wear a life jacket for the entire time they are on the boat. Make sure to apply sunblock throughout the day to avoid painful sunburn.

It is imperative that we take safety home with us. We always take care to perform tasks safely and in a timely fashion at work, and this attention to detail must be used in everyday life as well. Be a teacher to others as you enjoy your summertime activities. Explain the possible hazards and what steps you took to mitigate those hazards. Young children may not appear to be paying attention, but they are taking mental notes. Your guidance will not only help you enjoy a safe day but will positively influence others for days to come. ■



M. Davis & Sons Apprenticeship Program Graduations



At M. Davis & Sons, we believe that supporting our team members in the Apprenticeship Program is one of the best avenues for them to gain trade knowledge and upgrade their wages once they complete the program and earn their journeyman certificate. Apprentices are an integral part of our team, and we continuously advocate for the vo-tech schools whose students in the trades are potential job candidates.

"Our apprentices continue to be the foundation on which we build the next generation at M. Davis," states our president, John Gooden. In 2021, M. Davis has 13 apprentices earning their journeyman certificates in plumbing, electrical, millwright, welding, and pipefitting. We commend these hard workers for completing their 4-year program and recognize the obstacles they faced in finishing their last year of the program during the COVID-19 pandemic.

We also recognize our eight apprenticeship instructors who have been passing on their skills to not only our team but also apprentices from other companies for many years. The knowledge transfer between instructor and student is critical to our industry.

With millions of open jobs and billions of dollars in spending coming on infrastructure and renewables, the need for skilled workers and experienced instructors has never been greater. Their sacrifice and dedication are what keeps M. Davis & Sons strong after 151 years in business. ■

2021 Graduating Apprentices

- Nick Lange – Electrical
- Avery Robinson – Ironworker
- Caleb Hufnell – Plumber
- Shawn Galligan – Electrical
- Paul Merriel – Millwright
- Tom Beverin – Electrical
- Matt Brochu – Welder
- Kris Graybeal – Pipefitter
- Matt Truscieski – Pipefitter
- Mike Pfeifer – Electrical
- Ryan Hyett – Pipefitter
- Mark Barbera – Electrical
- Greg Slivinski - Electrical

2021 Apprenticeship Instructors

- Bob Mayle – Mechanical Superintendent
- Dan Stampone – Commercial Leadman
- Derek Hannaford – Commercial Leadman
- Brian O'Connor – Field Leadman
- Mike Hendrickson – Commercial Project Coordinator
- Eric Hubbs – Foreman/QC Specialist
- Eric Koelsch – Vice President
- Charlie Robbins – Plumbing and Mechanical Code Specialist

Thank You, Tim Brown!

A Shoutout to the M. Davis “Chiller Plant Upgrades” Team



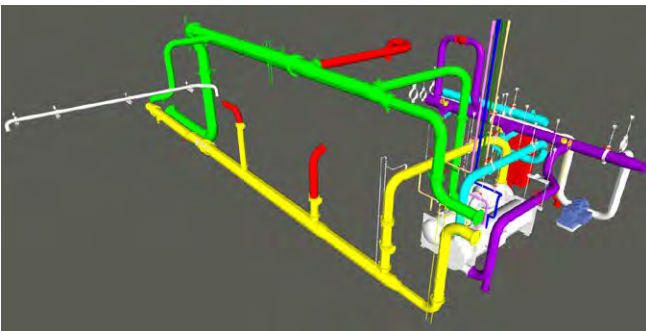
Timothy Brown, Area Manager from the DuPont Experimental Station, congratulated the M. Davis team on their hard work completing various chiller plant upgrades. The team has worked on two jobs over a 2-year period to reach this goal.

Three 1,500-ton-capacity absorption chillers weighing about 110,000 lb each were removed and replaced with two 3,000-ton-capacity electric chillers. The team also installed approximately 240 ft of new 36-in. stainless steel condenser water headers and sections of new chilled water headers, in addition to all the branch piping to the chillers and trim piping on them.

To support this, our steel shop fabricated about 80,000 lb of steel, and our pipe shop made around 500 welds, ranging from ½ in. to 36 in. All the steel and pipe were laid out in a 3D model from which the submittal drawings were generated.

“An impressive milestone yesterday with getting Chiller 12 inside the building. . . . This team continues to make work such as walking a several-ton chiller into the building and spinning it into place look easy. Most importantly, they complete it all safely. I wanted to take the time to recognize the impressive work to this point and say, ‘Thank you.’”

Thank you, Tim, for your kind words! ■



The ASME Code Shop and Engineering Group Partnership



Sean Boston
Engineering Group Manager



Heath Kroll
ASME Code Shop Manager

M. Davis & Sons meets all required safety standards and production procedures to be certified as an American Society of Mechanical Engineers (ASME)–Authorized Code Facility. Whether making from scratch or improving on an existing configuration, we design clients' solutions based on their performance specifications and regulatory code.

With over 30 years of experience in ASME code work, we are a recognized industry leader, with more than 100 ASME-certified welders, 50+ liquid penetrant examiners, and 10 certified welding inspectors. M. Davis holds three certification stamps: an S stamp for fabricating boilers and boiler parts, a U stamp for fabricating pressure vessels, and an R stamp for repairs to pressure-containing components. We are certified for Section I and Section VIII for fired and unfired pressure vessels and pressured piping.

Driven by our stellar team of credentialed tradespeople and engineers, we have the resources to handle large-scale projects while remaining detailed enough for small customer projects as well. Our engineering group collectively has more than 70 years of experience, and they work in conjunction with our ASME Code shop to assist with pressure vessel design, modular design, fabrication, and assembly documentation. We use both our engineering group and custom fabrication shop to merge analytical design with hands-on experience in the field to create seamless, end-to-end solutions for meeting our customers' goals. ■



Ready to learn more about our services and capabilities?

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