



CONNECTIONS

Western Ohio Chapter • National Electrical Contractors Association



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NECA Awards of Excellence

Members of the National Electrical Contractors Association, Western Ohio Chapter and members of the International Brotherhood of Electrical Workers (IBEW) Local 82 are simply the best in the industry. Here are some highlights.

Wagner-Industrial Electric

Fuyao Glass America

Fuyao is the largest automotive glass supplier in China with 80 percent of the market and 18 percent of the global market. The company is headquartered in Fuzhou, China, and employs more than 18,000 workers globally. In

million facility will employ over 2,000 people.

Wagner-Industrial Electric is responsible for the electrical work in the plant. This project is a

massive undertaking, working two shifts with approximately 130 electricians, peaking at 200 electricians. Their work began with the installation of temporary power and moved to permanent electrical service with the potential of 90MW. A portion of Wagner's scope

of work includes: removing 6 unit substations and installing 26 new unit substations and modifying an additional 17 existing substations; installation of over 21,800 feet of 15KV armored interlocked cable; 59 new

runs of bus duct totaling over 38,000 feet; electrical distribution installation to over 1000 pieces of process equipment; over 20,000 feet of cable tray; 150,000 feet of conduit; installation of two standby generators and three UPS for emergency power; more than 4,400 LED fixtures;

and interconnecting wiring and controls wiring for process equipment.

"It's been an honor and privilege for Wagner to work



Substations installed by Wagner.

with Fuyao. The project has presented unique challenges that the Wagner and Fuyao team had to overcome. The challenges include an immense scope of work and compressed schedule accompanied by cultural differences and a language barrier. Having worked through that, a significant portion of the production lines are now operable. We are on a successful trajectory and look forward to continuing our partnership with Fuyao."

The Wagner management team is comprised of: Tom Cope, Vice President; Mark Blankenship, Project Manager; Scott Whip, Project Manager; Shawn Stamps, Superintendent; and Yingbo Xu, Engineer.

Wagner Industrial Electric (WIE) specializes in industrial electrical construction and maintenance services. Their ability to manage large and complex projects sets WIE apart in the construction industry. WIE provides electrical design and construction services in a safe, reliable and efficient manner. www.wagner-ind.com.

Chapel Electric Co., LLC

Kettering Health Network

Project Manager: Lance Beck
General Foreman: John Masten
Construction Type: Health Care

Construction is well under way on the \$49M, five-story Cancer Center in Kettering, OH. This freestanding, 120,000 square-foot building is located directly across the street from Kettering Medical Center's main campus on Southern Boulevard. Danis



KHN new Cancer Center.

Construction is the CM on this fast paced project which is scheduled for completion in late 2016.

This new facility will be powered by a new 2,500 amp



New entrance to Fuyao Glass America.

2014, Fuyao Glass America expanded operations to the previous GM plant located in Moraine, Ohio. Producing laminated and tempered automotive glass, the plant is expected to be the world's largest standalone auto glass plant when it is fully staffed. When complete, the \$450

Awards, cont'd.

substation and supported by a 400kw generator. Chapel/CRT has been tasked with providing turnkey solutions for all electrical systems including fire alarm, teledata, paging, CCTV, security, and nurse call.

The Kettering Cancer Center will focus on cancer treatment and will offer many amenities for people fighting cancer, such as a cafe with a nutritional focus for patients with cancer, complementary holistic medicines and a spa-like boutique that sells post-surgical apparel and products for cancer patients.

Among its services are radiation oncology, advanced breast imaging diagnostics, a specialty clinic, a specialty pharmacy, clinical treatment trials and other support services. It will also have dedicated cancer professionals specializing in the following fields: social workers; dietitians and nutritionists; nursing and financial navigation.

Since 1946, Chapel Electric Co., LLC has ventured into a variety of different market sectors to become one of the nation's leading electrical contractors. From state-of-the-art electrical and technology systems for ultra-modern hospital construction, modernization and renovation to 24/7/365 service and preventive maintenance, Chapel has the capabilities, management experience and technicians to complete your project on time and within budget. www.chapel.com.

ESI Electrical Contractors

Wright Patterson Air Force Base: 2 Megawatt Generator Installation

ESI has just put the finishing touches on the two-megawatt generator installation at Wright Patterson Air Force Base. This project was extremely complex due to the mission critical facility it serves. ESI's team had to implement a very detailed outage and commissioning plan. This involved working very closely



New 2 megawatt generator at WPAFB.

with the utility company and the owner to insure not one detail was overlooked.

The project scope consisted of all new underground raceways; concrete pads; fuel line piping; control wiring that was integrated into the existing control scheme; network cabling; 15kv cable and termination installation; cable testing; providing a complete coordination study; and providing relay settings and testing. Our team was led by Senior Project Manager Nick Behnken and Foreman Tommy Dafler.

ESI also just completed a recondition of two 3 megawatt emergency stand-by generators, controls, cooling system, and paralleling gear

located in the Central Utility Plant at a Medical Center. They installed temporary line-up to maintain normal power to the Medical Center while under construction. ESI assisted in the re-design to mitigate outage time while keeping the Medical Center fully functional.

With the completion of these projects, power generation is added to ESI's resume and it shows the diversity and capability of their organization.

ESI Electrical Contractors is celebrating their 50th year in business serving Ohio, Kentucky and Indiana. ESI prides itself on the ability to encompass the entire range of interior and exterior electrical projects, including both high and low voltage work. Their project diversity includes healthcare, schools, process control, power generation and manufacturing.

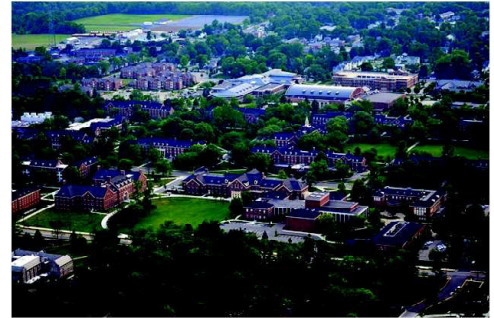
www.esielectrical.com.contractors

Maxwell Lightning Protection

Miami University, Oxford, Ohio

Robert Frost once said that the Miami University campus is "the most beautiful place that ever was." For the past five years Maxwell Lightning Protection has installed certified lightning protection systems across the beautiful campus. In 2014, Miami University trustees approved more than \$100 million worth of construction and renovation projects throughout the campus. The renovations

include new windows, accessibility improvements, new elevators, insulation,



Miami University campus in Oxford, Ohio.

HVAC, fire alarm upgrades and of course, lightning protection. Vice President and Treasurer David Creamer said such a spate of construction is "not uncommon for us. Following each graduation in May, we get very busy with construction activity."

Current projects at the University include: Gunlock Family Athletic Performance Center, Flower Hall, Hahne Hall, Brandon Hall, Hepburn Hall, Martin Dining, Armstrong Student Center Wing Expansion, and Schideler Hall.

Architecturally most all of the buildings on campus match an elegant historic design. Because they may look alike they have been built or remodeled decades apart, concealing the lightning protection systems is challenging. The number one priority for Maxwell is safety and staying one step ahead on all jobs.



April, 2016

Your comments, suggestions and questions are welcome! Contact the Western Ohio Chapter - NECA.

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Outstanding Performance Awards

Jeff Hickerson

Lead Installer, Maxwell Lightning Protection

Maxwell Lightning Protection Installer Jeff Hickerson has taken Miami University by "STORM"

Lead installer Jeff Hickerson has coordinated the installation of certified lightning protection systems across the beautiful campus of Miami University in Oxford, Ohio. Jeff is very organized and maintains a tight schedule bouncing from multiple ongoing projects with various

contractors at the University.

"What most people might call issues or delays Jeff takes in stride and tackles them and finds resolutions almost

immediately. He embraces each challenge daily and takes a lot of pride in his finished projects," says Project Manager Adam Maxwell

Jeff's biggest challenge is coordinating multiple projects. "Being sure to spread my time out to all projects and always knowing job schedules is critical so other trades won't have to wait on Maxwell to move forward," says Jeff. He continues, "It is very important to have an organized structured schedule. By doing this it allows me to make time when needed on other projects. Knowing exactly what stage a project is in and how much time I have before needing to return, helps me when spreading my time across numerous jobs. It is important that I always make sure I am available when a contractor needs me so no job is neglected."

Maxwell is extremely proud of Jeff's leadership.



Jeff Hickerson

Chris Toon

Foreman, Chapel Electric

Growing up, in the Toon household, young Charles Christopher Toon was almost destined to become a Journeyman Electrician. His Dad, Charlie Toon, was a fixture in the Dayton electrical industry. Charlie was a 39-year member of Electrician's Local 82, where he spent his entire career with Kastle Electric.

In 1997, Chris Toon followed in his father's footsteps and entered the IBEW Local 82 Apprenticeship program. He started his career at Wagner Smith,



Chris Toon

Because of the multiple projects another big challenge is scheduling, especially when working with other trades.. Installer Jeff Hickerson has taken the lead on these projects. "Communication is key to completing installations at the right time," says Jeff. *(Read more about Jeff in Outstanding Performance Awards).*

Completed projects include: Western Campus dorms, Western Dining Hall, Anderson Hall, McFarland Hall, Dorsey Hall, McBride Hall, Hayden Baseball Facility, Goggins Ice Arena, Maple Street Dining, Met Quad, Kruger Hall, Armstrong Student Services, Dennison Hall, Symmes Hall, Collins Hall, Bishop Hall, and Dauch Indoor Sports Center.

Established in 1963, Maxwell Lightning Protection quickly gained a reputation as "The Expert" lightning protection system installers. They are specialists in commercial and residential lightning protection and grounding systems.
www.maxwell-lp.com

Chapel Romanoff Technologies, LLC (CRT)

Chapel-Romanoff Technologies was recognized and nominated by the Dayton IT Alliance as a finalist to receive the Technology First Leadership award for "Best IT Service Company". The Technology First Leadership award recognizes the contribution of information technology students and professionals ensuring a vibrant Dayton community.

The criteria for this award is based upon an "IT Company" that has increased

its investment in the Dayton region through revenue, jobs, or capacity. Final selection will be made on May 5th, 2016 at Technologies First, Leadership award conference at UD Arena.

Recognizing a construction based firm such as CRT, for this award is representative of the industry migration towards integrated building systems such as access control, cameras, wireless, AV and traditional voice and data systems.

This nomination for such an award illustrates the hard work and efforts of the staff and leadership of CRT. Many employees at CRT have continued to expand upon their education, which extends their service offerings and support to their customers.

CRT Technologies has evolved the past 15 years into Dayton's leading System Integration Company. 2015 represented the culmination of many of their ongoing efforts and the vision Dennis Quebe has for the organization. From education to implementation, CRT has built a company culture to provide the best professional system integration.

CRT is proud of the accomplishments of 2015 and looks forward to the challenges ahead in 2016!

Chapel-Romanoff Technologies, a system integration contractor based in Dayton Ohio, provides comprehensive communication, electronic safety and security, monitoring systems and consulting IT services such as systems design and custom application development.
www.crtechcorp.com.

Performance, *cont'd.*

then topped out while working for QOB Electric. While at QOB, he eventually served as Foreman on a number of projects including Goodrich, Wapakoneta Water Treatment Plant and the C5 Operations Building at Wright Patterson Air Force Base. In 2007, Chris went to work for Chapel Electric.

He's now been with Chapel Electric for nearly 10 years and has become one of their most capable foremen. He also has the very unique privilege of being able to honor his father's memory each and every year, while serving as the Chairman of the Charlie Toon Memorial Fish Fry / Monte Carlo night.

As a Chapel foreman, Chris has tackled many high pressure and fast track projects. His resume includes projects like the Grandview Hospital West Wing. As a result of that project, Dave Kottmyer of Danis Construction singled him out as a *"Foreman that was able to stay focused, flexible and productive on a project where the schedule was unpredictable at best"*.

He also served in a key supervisory role on Hollywood Gaming @ Dayton Raceway project that was completed in 2014. This was another project with a very aggressive completion schedule. By the end of the project, Chris was promoted to General Foreman, placed in charge of a 20 man crew and was responsible for the installation of the facility's very complex decorative lighting package. Currently, Chris is Foreman on Montgomery County Job Center 2.0. This project consists of a complete renovation of a 260,000 square foot facility on Edwin C Moses Boulevard.

Kenny Smith

Chapel Romanoff Technologies

Kenny Smith's leadership in 2015 was exemplary with multiple high profile projects such as three Piqua Schools, Soin 5th Floor, Montgomery County BOE and many others.

Running work however, is only one piece of the puzzle. Kenny provides professional leadership and technical expertise in all aspects of his career, aggressively pursuing continued education to expand his capabilities, and participates actively in the JATC. Kenny's role in the completion of the Local 82 JATC, BICSI Authorized Training Facility was critical. He saw the value of this effort



Foremen of the Year, Team Building Night sponsored by the Dayton Builder's Exchange. Kenny Smith is pictured fourth from the left; Chris Toon is fifth from the left.

and provided his own time and expertise in the completion of the training lab.

Kenny serves as Secretary on the newly formed Low Voltage committee at the Local 82 JATC. His leadership and representation on this committee continues to enhance our technology program.

Kenny attended Sinclair to study web development and changed majors to Network Engineering. He received his Network Engineering Certificate in 2007. Hired in 2009, by Chapel-Romanoff Technologies, Kenny earned his JATC diploma, BICSI level 2 Installer and Technician certificates. Kenny is currently working to obtain an ASIS PSP certification to compliment CCTV and Access Control certifications earned in 2015.

Kenny Smith is an exemplary member of Chapel-Romanoff Technologies, Local 82 and our industry.

Tommy Dafler

Foreman, ESI, Inc.

Tommy is a graduate of the five year JATC Apprenticeship program and an IBEW Local 82 member since 2000. Tommy is currently a Project Foreman at Wright Patterson AFB. His management and coordination skills have been a driving force in the success of ESI, Inc. at Wright Patterson AFB.



Tommy Dafler

Tommy has been working closely with Wright Patterson AFB on their 15kv distribution systems and SCADA control systems for over 10 years. His attention to detail and safe work practices proves that he is a great leader. Tommy has assisted in developing safety barriers that insure all employees are maintaining a safe working environment. ESI is very proud to have Tommy on our team!!! Great Job Tommy!!!

The Western Ohio Chapter - National Electrical Contractors Association Directory:

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Chapel-Romanoff Technologies
ESI Electrical Contractors
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High Voltage Maintenance
Kastle Electric Company
Kastle Technologies
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RMF Nooter
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