



# CONNECTIONS

Western Ohio Chapter • National Electrical Contractors Association



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April, 2023

## CRT and Kastle Technologies earn VPP Star

On September 6, 2022, Chapel-Romanoff Technologies (CRT) and Kastle Technologies (EMCOR Companies) received the highest safety certification awarded by the Occupational Safety and Health Administration (OSHA): the Voluntary Protection Program (VPP), placing them among the elite contractors in the country to reach such a milestone.

Of the 10 million companies in the U.S., less than 2,000 have qualified for VPP status. In Ohio only 21 mobile workforce companies have earned the VPP Star status and this

includes CRT and Kastle Technologies. Chapel Electric received VPP status in 2019.



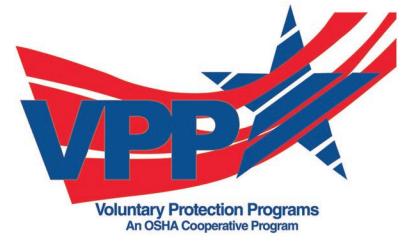
President CRT Dennis Severance (from left) and OSHA's VPP Region 5 Director Melissa Linton.

According to the U.S. Department of Labor, the VPP “recognizes employers and workers in the private

industry and federal agencies who have implemented effective safety and health

management systems and maintain injury and illness rates below national Bureau of Labor Statistics averages for their respective industries.” OSHA verifies qualifications through a comprehensive onsite review process and approves successful applicants.

Melissa Linton, OSHA's VPP Region 5 Director, was on hand to award the VPP flag and



plaque to CRT & Kastle Technologies Corporate Safety Director, Timothy Pruitt and the entire Safety Committee. According to Melissa, the real challenge isn't attaining VPP status, it is maintaining it. “Think outside the box. Don't do what you're used to, do what you're not used to. Think about your families and how an injury would affect them. Think about how an injury affects your co-workers. Even

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## Maxwell Lightning Protection

The Rasp residence in Xenia, Ohio is a showcase custom home built by Daniel DeVol Custom Builders. For over the last 24 years Daniel DeVol Custom Builder Inc. has established themselves as one of Dayton's premiere custom homebuilders. As a Certified Green Building Professional (CGP) Dan is committed to incorporating environmental considerations and resource efficiency into every step of the home building process and has archived the highest honors

by the NAHB of Graduate Master Builder. (GMB) Maxwell Lightning Protection was brought in to install the proper lightning protection for this home. A safety plan was put into place first with proper PPE, equipment

harnesses, tie offs, and the use of a boom lift with a spotter, partially because of the steep



The Rasp home in Xenia.

roof that has a 12/12 pitch. According to Jason Land, Lead Technician LPI certified installer, “Coordination with the GC, builder, and dry wall team was extremely important for access, timing of install, and roof completion.”

For over fifty years, Maxwell Lightning Protection Company has been actively engaged as a U.L. listed and approved lightning protection contractor. In addition to lightning protection, they are

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# ESI Innovation Centers

The concept of prefabrication has been with us for decades. Manufacturing facilities use assembly lines to build the same item over and over. Components for automobiles, refrigerators, dishwashers... all assembled in one facility and shipped out the door, ready to use. Electrical construction has adapted the same concept in prefabrication of essential items used in everyday job sites, like electrical room panels and transformers, electrical conduit bending, duct banks, and more.

Locally, ESI Electrical Contractors has two Innovation Centers, in Xenia and Kettering, which focus on prefabrication with safety, quality and productivity as their cornerstones. ESI fabricates bus duct with assembly instructions and entire electrical rooms which can be shipped and installed onsite. Performing this work away from the job site means they work more efficiently and can meet more aggressive deadlines. Additionally, prefabrication is a safer way to

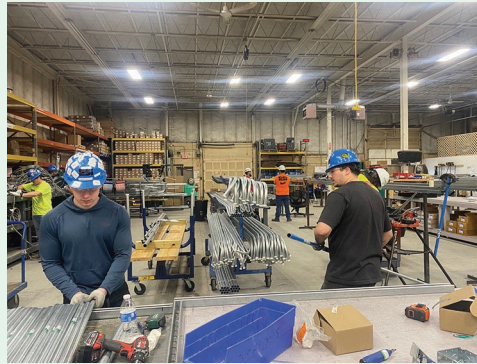
work because it limits exposure to hazardous activities on the job site. Building a conduit rack in the shop at floor level is much safer and easier than building it up in the air on a congested job site.

Sixty-five of their prefabricated electrical assemblies are UL listed. The certification means UL has tested representative samples of each product and determined that they meet specific, defined requirements.

According to UL's records, ESI is one of approximately 50 electrical contractors in the U.S. with this listing.

ESI's product and installation methods allow them to maintain company- and project-wide standards

for materials. Consistent methods mean fewer errors. They also perform forced planning and components pre-testing before installation. They label their prefabricated products, giving future maintenance personnel an



*Prefabrication technology has several advantages: energy efficiency, minimal waste and inspection, efficient construction, work speed, safety, sustainability, and quality.*

advantage when troubleshooting or making additions.

ESI's Innovation Center team uses manufacturing methods to produce individual assemblies, with

special tooling and increased production goals. Accurate design and documentation help them do it right the first time in a safe, climate-controlled area with tools and materials at hand. This reduces distractions and work stoppage, increasing efficiency.

Designed prefabricated electrical components are often higher quality and more efficiently created and comply with green-building certification programs. The process enables electrical contractors to manage projects and workflows with much greater flexibility and efficiency from design, shipping to installing assemblies on the construction job sites. It also offers contractors a sustainable competitive advantage through cost savings, higher productivity, faster project schedules, higher customer ROI, and increased profit margins.

For more information about the ESI Innovation Centers, please visit [esielectrical.com](http://esielectrical.com).

## Maxwell cont'd

specialists in cathodic protection, both sacrificial and impressed current; sophisticated high explosive area grounding systems, both underground and building interiors. Their services also include estimating, design and engineering. Maxwell works in the commercial market, as well as performing residential services.

Maxwell Lightning Protection was also responsible for the lightning protection and grounding systems at Royal Canin. Their staff, both in the



*Jason Land, Lead Technician LPI certified installer,*

field and office, have a combined experience of well

over 300 years. Their qualified and trained field representatives consists of Journeymen Inside Wiremen and Lightning Protection Technicians. They have the technical experience and expertise to deal with any and all projects and to cooperate fully with architectural and engineering firms, general contractors, electrical contractors and contract managers. Maxwell's goal is to assist in getting the job done and to keep

adding to their reputation as "the experts" at installing and servicing all types of lightning protection and grounding systems, from the preliminary sketch to design to installation.



*April, 2023*

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

website: [www.wocneca.com](http://www.wocneca.com)  
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# Chapel Electric takes on Royal Canin

A new construction project has been underway in Lewisburg, Ohio at Royal Canin U.S.A. Inc., a Mars Petcare brand that is a subsidiary of the multinational manufacturer Mars Inc. The \$390 million construction project consists of a new dry pet food manufacturing facility. The new facility is being built to meet increasing demand for Royal Canin's pet nutrition products. The new 450,000 square foot facility is located on the same property as the company's existing operation in Harrison Township, and is expected to create 224 new jobs that would generate \$11.5 million in new annual payroll.

The primary Electrical Contractor for the project is Chapel Electric, an EMCOR Company. According to Project Manager Lance Beck, "Construction began in May 2021 and we now have about 50

electricians working on site." Sidney Electric is also assisting with 4-6 electricians. Chapel is responsible for all the building site electric and five



Royal Canin new manufacturing facility.

outbuildings as well. The General Foreman for the project is Steve Crawford, and the General Foreman for Process Electrical is James Delinger. Royal Canin is expected to start operations in the second half of 2023.

The General Contractor for the expansion is Brasfield and Gorrie. They are one of the largest privately held construction firms in the nation.

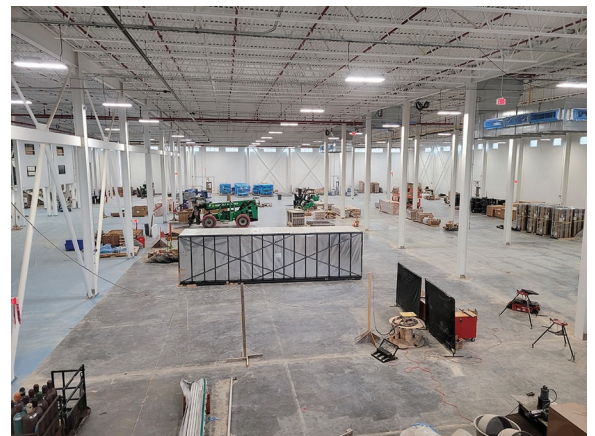
The factory will manufacture both Royal Canin and EUKANUBA health and nutrition brand dog and cat food product lines. The facility is being built to meet leading-edge environmental standards, and will pursue a LEED Silver Certified upon completion.

"Our investment in the new Ohio manufacturing facility will enable us to meet the ever-growing needs of pets and their owners across North America," said Royal Canin President Cecile Coutens. "Our new site will help

ensure we can serve more pet owners and bring our nutrition to more cats and dogs than ever before."

Royal Canin currently operates its Pet Health Nutrition Center, a global research and development hub for the company, in Lewisburg. It will join Royal Canin's five other manufacturing sites across the U.S. and Canada.

*Chapel Electric offers state-of-the-art electrical and technology systems or construction, modernization and renovation with 24/7/365 service and preventative maintenance. Chapel participates in all major market segments, including healthcare, education, commercial, sports, mission critical, industrial processes, and retail.*



## Chapel Electric and SNC Celebrate New Large Aircraft MRO Facility – Aviation Innovation and Technology Center – with Opening of First Dayton, Ohio, Hangar

Sierra Nevada Corporation (SNC), celebrated the opening of the SNC Aviation Innovation and Technology Center (AITC) in February this year. It is the first large aircraft maintenance, repair and overhaul (MRO) facility constructed in the Dayton region since WWII. SNC broke ground on the facility in February 2022.

The 16-acre Dayton International Airport site



brings a modern, large-scale aviation center to the Dayton region. The 100,000-square-foot facility is capable of supporting

some of the largest aviation projects in the world. SNC's Aviation Innovation and Technology Center will result in the creation of approximately 150 new jobs in the Dayton region.

The Electrical Contractor for the MRO Facility is Chapel Electric. Both local leaders and economic development officials said work on a second facility is getting underway and there's space for about five of these facilities if the

private defense and aviation-focused company continues to grow and invest. "This is our first step — the first of several hangars we are going to build here, and we have (a) big vision," said Fatih Ozmen, CEO and co-owner of Sierra Nevada Corp. "Dayton's extensive supply chain, highly skilled workforce, and proven standing as a logistics hub make the Dayton International Airport our first choice to further strengthen our expertise."



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## VPP cont'd

the smallest gesture can have a large impact,” says Melissa.

CRT & Kastle Technologies qualification for OSHA’s premiere recognition program is a testament to the ongoing efforts by their employees at every level to develop, implement and maintain VPP quality, safety, and health management systems. “CRT & Kastle Technologies management is continuously promoting the company-wide safety culture to achieve buy-in at all levels and have promoted a family like atmosphere to help maintain below industry averages,” notes CRT & Kastle Technologies Corporate Safety Director, Timothy Pruitt.

Statistical evidence for VPP’s success is impressive. The average VPP worksite has a Days Away Restricted or Transferred (DART) case rate of 52% below the average for its industry. Reductions in injuries and illnesses begin when the site commits to the challenging VPP application process.

*CRT, established in 2005, provides an extensive range of systems integration capabilities including design, installation and service of voice/data, audio and video systems, security life safety, and mass notification systems. CRT also develops design build projects. Kastle Technologies, established in 1998 was formed to meet the technology demands of the industry with a focus specifically on the design, installation, certification, maintenance and warranty of Structured Cabling Systems (SCS) for high-speed Data, Video, Voice, Security, CCTV, CATV and Distributed Antenna Systems (DAS).*



Signing the VPP Flag.



(from left) Jared Hayes (Field), Dan Flohre (Project Manager), Melissa Linton (OSHA), Jimmy Quebe (Vice President), and Mark Leiter (Project Manager).

### The Western Ohio Chapter - National Electrical Contractors Association Directory:

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 Chapel-Romanoff Technologies  
 ESI Electrical Contractors  
 GEM, Inc.  
 High Voltage Maintenance  
 Kastle Electric Company  
 Kastle Technologies  
 Maxwell Lightning Protection  
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