



TOGETHER, SAFETY BRINGS US HOME

With expanded safety program, Egan reaches lowest incident rate in company history

Empowering employees is the key to ensuring safety on all jobsites, and it's something Egan Company takes to heart with its *Safety Brings You Home* program. The intention is to make any employee – from apprentice to field leader to project manager – feel comfortable speaking up when they see something risky or unsafe onsite or even in the office.

As 2015 came to a close, Egan's incident rate was the highest it had been in five years at 3.33. While it was significantly lower than the industry standard, our ultimate goal is ZERO injuries, so 3.33 was too high.

As a result, Egan's Leadership, Safety team, and other key partners took a step back to evaluate and create a plan to reduce our incident rate. Egan's long-standing safety program was expanded, further promoting safety on jobsites and in the offices.

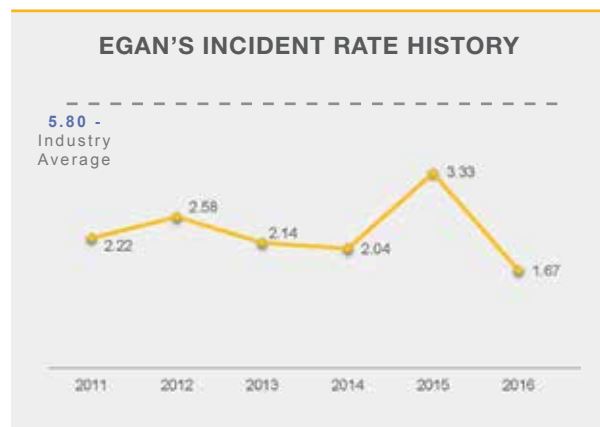
"Egan's safety program has everyone working together for one common goal: going home safe," said Paul Hartman, Egan Company Electrical Field Leader. "The biggest improvement made in 2016 was the standardized morning stretching routine. In addition to warming us up and getting us physically prepared for work, it is a great mental transition into a safety mindset to carry you through the day."

At the start of 2016, Egan employees on all jobsites and in all offices signed a safety pledge – pledging to work and live safely. Additional safety resources were provided for employees to increase their knowledge throughout the year.

Highlights of these efforts include:

- Increase in available online and hands-on safety courses like CPR/First Aid, OSHA 10, OSHA 30, and Defensive Driving
- Modified new hire orientation to emphasize safety commitment, including a follow-up orientation for field/shop employees within 30 days of hire date
- Project managers more actively involved in the Continuous Improvement Observation and Safety Lunch programs

Lastly, a photo contest was held – employees were encouraged to submit pictures depicting what makes them work safely and get home at the end of the day. With an overwhelming volume of submissions, all photos were incorporated into jobsite posters to remind us all what motivates us to work safe.



FASTER, SAFER, MORE ACCURATE

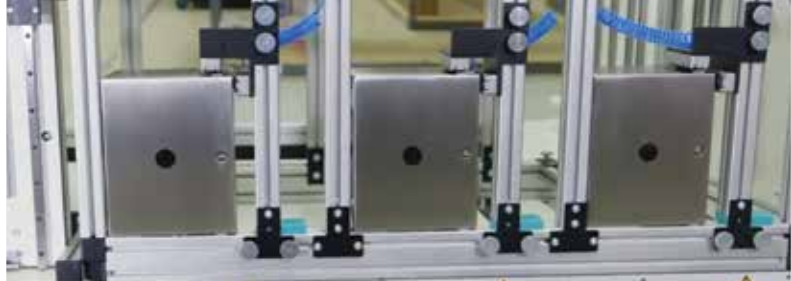
Egan's U.L. 508A Panel Shop acquires Steinhauer to enhance panel production

In an increasingly automated world, the construction industry has stayed relatively manual. Machines simply can't replicate the level of precision and technique required to install building systems; however, Egan Company's U.L. 508A Panel Shop has found one way to use automation to its advantage.

Precision, speed, and safety are the cornerstones of any successful shop. Whether for an in-house job or a customer, the goal is to deliver a product quickly and correctly – the first time. And that's why our panel shop implemented the Steinhauer ModCenter, an automated modification tool that provides fast, clean cut holes in each control panel.

Shop professionals previously measured, drew, and cut enclosures by hand – taking up to four hours per panel. Although this is a time honored way of providing a quality panel, it is not efficient and leaves room for human error or injury.

By allowing for multiple clean cut outs and back panel drilling/tapping tasks to be completed all at once, the machine improves the overall quality of each control panel.



The Steinhauer precisely drilled holes in the enclosures (top), allowing a Panel Shop wireman to install the push buttons (bottom).

Egan's Panel Shop wiremen program the Steinhauer ModCenter to cut each panel per customer specifications. By eliminating the need for wiremen to manually measure, drill, tap, and process, the time for each panel is reduced to about 30 minutes – 87.5% lower than if done manually.

"This machine frees up a lot of time for our wiremen to work on other aspects of our projects, and get panels out the door much quicker," said Tim Blair, Panel Shop Manager. "We estimate it does the work of nearly two people."

Once specifications are programmed, it can be saved as a template for future use – making repeat orders or modification of standard equipment even faster. Delays and waste are greatly reduced, and shop personnel are less likely to be injured during the drilling and milling process.

"This tool enhances Egan's already excellent safety program, by reducing the risk associated with cutting and drilling into a panel with power tools," said Jeff Hawthorne, Egan Company Senior Vice President. "We appreciate the efficiency of this machine, but we appreciate the increased safety it provides the shop even more."

With this great new addition to the panel shop, Egan is now able to be more responsive to customer's needs and produce more consistent products with a promotion of greater safety. ■

WATCH THE STEINHAUER IN ACTION

Check out a video (2 minutes) about our new Panel Shop Capabilities: bit.ly/EganSteinhauer

NEW NAME IN ROCHESTER

The Southern Minnesota market is rapidly expanding with community growth, and there has been an increasing need for specialty contractors to deliver more.

Founded in 1936 by Rochester local Emil Nietz and with continued leadership by the Nietz family, Nietz Electric has historically offered commercial electrical services. Since its acquisition in 2002, Egan Company has expanded the Nietz Electric business to offer more trades services and in-house resources.

Having been a leader in Rochester for over 80 years, Nietz Electric rebranded to take on the Egan Company name. With this shift, it becomes more clear that Nietz delivers in areas where other local contractors aren't able to (Design/Build, investing in virtual construction technologies, embracing prefabrication capabilities, coordinating multiple trades).

"We've collaborated with 'Nietz' for over 20 years, from small electrical upgrades to full Design/Build projects," said Cory VanHouten, HGA Architects and Engineers Senior Associate. "The expansion of Nietz's services is reflective of the growing market. Many companies are joining forces to be able to provide customers the full service, in-house applications needed on today's projects."

Over the past several years, Nietz Electric has expanded more into the healthcare, industrial, and agricultural markets. It also has become fully integrated into Egan operations, with many Egan trade specialties working locally – from low voltage to mechanical. Repositioning and taking on the Egan Company name directly addresses the need for local contractors to deliver more complex, multi-trade projects.

"We are still the specialty contractor and service provider that has served the community for over 80 years," said Jeff Young, Egan Company Vice President (Rochester). "Today, however, we are able to provide an unmatched level of service to the Rochester and surrounding area." ■

PROMISES KEPT

"I would like to take this opportunity to acknowledge [Egan's team] for the outstanding work performed on the General Mills JFB Data Center project.

Tony ran this project the way he does all of his projects, in a very efficient and productive manner. Tony is very approachable and always displays the cool, calm demeanor that makes him such a pleasure to be around.

Both Jeremy and Justin brought stability and expertise to the project. Both of these individuals worked hard, were diligent, and approachable.

I have worked on many projects in my 32 year career with General Mills, and I would rate this team as one of the best I have ever had the privilege of working with. I hope to have the opportunity to work with this team again in the future."

– Tim Weiss, Global Workplace Solutions

(The Egan team mentioned here includes: Electrical Field Leaders Tony Leither & Jeremy Caye; Electrical Journeyman Justin Fagerstrom.)

"We were very impressed with the progress [onsite at the City of Duluth utility plant]. Mark is a superstar and worked miracles while he was on-site."

– Jim Green, Duluth Energy Systems

(Mark Thomas is a Controls Engineer.)

ONSITE TRAINING AND DEVELOPMENT

With ever-evolving technology, it is essential for companies to provide employees the tools to improve and enhance skills. Egan Company has built a Technology Center to provide employees a way to grow skills and learn more about popular, and some new, systems used on Egan projects.

Used primarily by engineers and technicians, the Technology Center is a learning environment that includes lab materials for various systems: fire alarm, security, card access, video surveillance, networking, building automation, process controls, and concrete batching. The space is also used as a method for testing a system before installing it at a jobsite.

"The more our employees understand the products and systems we offer, the better they can be at installing and servicing them," said Jeff Hawthorne, Egan Company Senior Vice President. "With the development of this space, Egan's leadership team continues to make educating and developing our employees a priority." ■



INTERESTED IN A TOUR?

Email SystemsPartner@eganco.com to schedule a time to visit the space



PACKING FOR A GOOD CAUSE

For the second year, Egan Company opened its Champlin facility's doors to Feed My Starving Children (FMSC) for a large-scale, five-day food packing event - the Northwest Metro MobilePack.

Held in Egan's warehouse, the volunteer space was prepped and sanitized to meet food safety standards, all with minimal disruption of Egan's daily work flow.

Along with FMSC, local businesses and churches formed a leadership committee to ensure a safe and successful event from start to finish.

Within the five days, 42 hours were dedicated to food packing. Nine trucks were filled with ingredients and supplies - 203,893 lbs. of rice, 67,811 lbs. of soy, 13,436 lbs. of vitamins, and 5,910 lbs. of vegetables - to total two million meals for children in need. These two million meals result in feeding about 6,000 kids for one year.

While vitamin-and-mineral fortified rice meals were packed for malnourished kids abroad, a food drive was also held to help local families and shelters. ■

EGAN'S ADDITIONAL RECENT OUTREACH EVENTS

Toys for Tots Drive: Over 1,200 toys were donated by employees - 200 toys over our goal of 1,000! Egan representatives had the opportunity to share our impact for local children in need on KARE 11 in December.

Ronald McDonald Toy Drive: Egan's Southern Minn. offices donated over 150 toys to the Ronald McDonald House-Rochester for children battling an illness.



Galleria Edina | Photo by Hines Management

CREATING THE ULTIMATE LUXURY SHOPPING DESTINATION

Shop, Dine, Stay – Galleria Edina is a testament to the trend for shopping malls in Minnesota. Many malls across the state have adopted a philosophy of creating a shopping destination, offering places for people to shop, eat, engage in recreational activities, and sleep.

The Galleria was initially developed in 1976 with Gabbert's Furniture Store, and slowly stores were added and enclosed to create a mall similar to the Southdale Center. Since its initial construction, Egan Company has been involved with various expansions and developments of this luxury shopping mall.

In 2008, Galleria Edina was expanded and a new 18-story Westin facility – comprised of 225 hotel rooms and 82 high-end condominiums – was attached to provide the full destination experience. The building also includes a pool, bar/restaurant, meeting space, ballroom, and different parking options. Egan provided Design/Build electrical services and installation of the phone/data, access controls, and fire alarm. A security system and cameras were also installed in the facility's parking ramp.

Since the construction of Westin Galleria, Egan has assisted with numerous projects, including cooling tower upgrades, owner upgrades to vacant spaces, and pump system replacements. The installation of the mechanical and electrical systems, required coordination of many

trades including pipefitting, sheet metal, plumbing, electrical, and millwrights. In addition, Egan provides routine maintenance on retail locations within the mall and Westin Edina Galleria.

Currently, the mall has over 375,000 square feet of retail space, and a recent addition on the mall's east side adds 20,000 more square feet. The expansion adds several restaurants, home furnishing stores, and apparel shops. Galleria Edina also features a new concept of a 'restaurant-in-a-bookstore' at the relocated Barnes & Noble.

"Egan has brought many mechanical and electrical solutions to the Owner at all phases of the project, including suggested grease interceptor piping routes, water feature plumbing, and recommended rework to existing and new electrical panels for tenant requirements," said David Kray, Kraus-Anderson Senior Project Manager.

Project Team: Kraus-Anderson Construction, Hines Property Management

Egan Services Provided: Cooling tower upgrades, pump system replacement, mechanical system build-outs, millwright services, electrical infrastructure, fire alarm, phone/data, access controls, security system, and 24/7 maintenance ■



SCHOOL DISTRICT GOES OFF THE GRID

Egan's emergency response to main power failure at Mound-Westonka High School

As a customer for nearly 10 years, Mound-Westonka Schools rely on Egan Company for a number of maintenance needs, including boiler tune-ups and electrical outages. In summer 2016, Mound-Westonka High School had suddenly lost power, and a member of the school's facility management team noticed smoke in the building. As Egan regularly works on various schools in the District, Egan's Service team was called to the site.

The Fire Department, utility company, and an Egan technician were all dispatched out to the high school to assess the situation. Before anyone could enter the building, the Fire Department needed to clear it of smoke and verify it was safe to enter. They then had to await the arrival of the utility company to disconnect the school from the utility grid so they could safely evaluate the problem.

"As we were standing outside the school, we could hear the electrical busbar underground shorting and failing in the underground tunnel," said Darrell Blazevec, Egan Company Account Manager. "The school's main electrical supply failed in a tunnel underneath the school, so smoke needed to be evacuated from there as well before we could begin investigating."

Once the Fire Department and utility company had completed their work, Jason Lindula, Egan Company Safety Coordinator, reviewed the site for any potential

hazards. Because all the electrical work needed to be done in an underground tunnel, any employee on site was required to be trained on Confined Space and Air Monitoring Systems before entering the tunnel.

Major Disruptions

Although classes were not in session, this power outage caused major disruptions, not just to the high school, but to the entire Mound-Westonka School District.

The main power had a catastrophic failure, and power was completely cut off throughout the school. And since the District's fiber-optic network and communication server is held at the high school, they also had lost access to all methods of communication.

In addition to the entire District losing access to the server, there were also numerous activities still happening at the high school. Temporary power needed to be set up in order for them to resume as soon as possible. Within one week, Egan electricians had set up temporary power with a 480 volt generator the size of a semi-trailer. Temporary fiber cabling was also put down to provide an immediate solution to the loss of the District's server.

"Egan Company acted quickly and made us feel like they had a good handle on the problem," said Phil Smith, Director of Facilities at Mound-Westonka Schools.



Temporary cabling ran through the High School's gym.

Digging in to Find a Permanent Solution

Knowing that the permanent power needed to be replaced as soon as possible, Egan's team worked methodically and safely to get the District back on the grid. The main problem was the service entrance feeder had failed and heated up the electric busbar, causing the failure in the electrical feeder and fiber optic.

Earth excavation outside the school opened up a wall below grade to gain access to the tunnel and repair the damage from the failure. The utility company's transformer, service entrance power supply, fiber optic cabling, and all the wiring in the tunnel had to be repaired. With a new transformer, more than 6,400 feet of cable was installed to reconnect the service entrance conductors to the main electrical switchgear. New fiber optic cabling was installed to regain access to the District server.

In less than two weeks, the entire school was back on permanent power and operating as normal.

"There were multiple things going on at once, and if we had taken time to contract it all out ourselves, the whole process would have taken way longer," Smith said. "We were very satisfied with the way Egan took the bull by the horns and kept everyone in the loop, including the School Board."

Egan Services Provided: Replacement of utility company transformer, repair and reconnect service entrance feeder, fiber optic cabling ■

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With these added safety efforts, employees were given the tools and knowledge to feel comfortable speaking up. It also added some excitement and energy into the safety program.

"After recognizing the need to lower our incident rate, I'm proud to say Egan ended 2016 with an Incident Rate of 1.67 – our lowest in the history of the Company," said Larry Hanson, Egan Company Safety Director. "We continue our commitment to safety, and are continually looking into new efforts that give our employees every opportunity to advance their knowledge to stay safe and work toward our goal of zero injuries."

For 2017, Egan is continuing efforts to support safety advocacy, both at home and on the job. Safety benefits us all, and our focus will continue on safe driving, preventing soft tissue injuries, and increasing the safety knowledge with employees and their families. ■



WATCH WHY WE WORK SAFE

Check out the 2016 Together, Safety Brings Us Home video (2.5 minutes):

bit.ly/EganSafetyVideo



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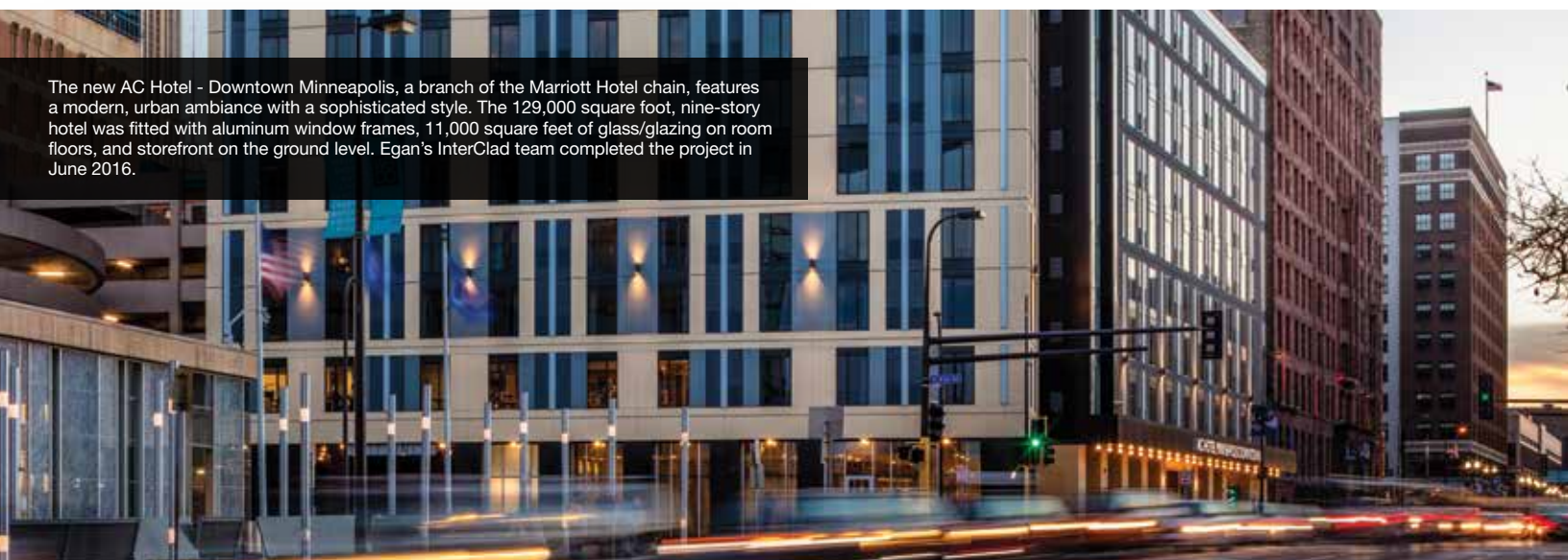
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April is Distracted Driving Awareness Month - Remember
#JustDrive365 and commit to not drive distracted!



The new AC Hotel - Downtown Minneapolis, a branch of the Marriott Hotel chain, features a modern, urban ambiance with a sophisticated style. The 129,000 square foot, nine-story hotel was fitted with aluminum window frames, 11,000 square feet of glass/glazing on room floors, and storefront on the ground level. Egan's InterClad team completed the project in June 2016.



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- Project Feature: Mound-Westonka Schools

Egan Company is a fully integrated, specialty contractor that delivers attention, commitment, and craftsmanship to every project. Egan serves every stage of a building's life, providing in-house expertise in planning, design, building, and maintenance. Core services include: mechanical, electrical, engineering & design, curtainwall/glazing/panel systems (InterClad), millwrights, fabrication, building systems, controls & system integration, and 24/7/365 maintenance. Egan has also been recognized as one of America's Safest Companies by *EHS Today*.