



2023 **SAFETY EXCELLENCE** AWARDS



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EMCOR **SQP**
Safety · Quality · Productivity

SAFETY PROFESSIONAL OF THE YEAR**Philip Chodroff**

Philip Chodroff, Safety Director for Forest Electric New Jersey (Forest), has been recognized as the 2023 Safety Professional of the Year thanks to his collaborative approach to safety which has helped Forest maintain a zero recordable injury rate for well over a year.

As a safety leader, Philip has worked tirelessly to involve every Forest employee—whether they are a new apprentice or on the executive team—in their safety program. He constantly encourages employees across the organization to share concerns, ideas, and feedback.

“Teammate” is one of Philip’s most important watchwords, and he has put significant effort into building personal relationships with peers and coworkers, in order to better engage them in safety processes.

Philip leads by example, consistently adhering to safety protocols and demonstrating the importance of prioritizing safety in all aspects of work, from the estimating process to project close out. His passion is contagious and inspires input and dialogue from field leaders. Philip also works closely with Forest’s leadership and has built strong support at the top of the company.

Throughout his tenure as Safety Director, Philip has emphasized the importance of monthly Safety Committee meetings. It can be easy for project schedules and jobsite pressures to get in the way of meetings like these, but Philip is tenacious about holding them consistently. To help work them around other

priorities, committee meetings are held virtually which allows all field leaders to participate. They are also attended by CEO Harry Sassaman and General Superintendent Adam Ashton—a testament to the leadership’s strong, measurable commitment to safety.

Further, Philip actively seeks out support from EMCOR’s Safety, Quality, and Productivity (SQP) department, leveraging these additional resources to help advance Forest’s safety goals. He regularly consults SQP leadership, requesting their presence or advice, and includes an SQP segment in Safety Committee meetings. Most recently, he worked with SQP to execute a CNA fleet review.

Under Philip’s coaching and guidance, Forest has developed a robust safety culture that fosters open communication and collaboration. His efforts have helped Forest record an outstanding safety performance in 2023 and earn safety awards from leading industry organizations.

FOREST ELECTRIC NJ INJURY AND INCIDENT FREQUENCY DATA:

*Total recordable incidence rate, 2023: **0.00***

*Total recordable incidence rate, 2022: **2.19***

Change in TRIR: -100%

*Total employee hours worked, 2023: **590,913***

*Total employee hours worked, 2022: **364,569***

Change in Hours: +62%

SAFETY EXCELLENCE BY A FIELD SUPERVISOR**Seth Southall**

General Foreman Seth Southall, of Dynalectric Colorado, has been recognized with the 2023 Safety Excellence by a Field Supervisor Award for displaying a steadfast commitment to safety practices and an abiding concern for the wellbeing of his peers.



Over his six-year tenure at Dynalectric Colorado, Seth has been a consistently positive safety presence at the company. He displays a constant focus on safety, reflected in his thorough approach to completing job hazard analyses. When he considers the scope of work for a project or even a small task, he always reflects on potential hazards and mitigation strategies.

Seth is also an enthusiastic and active participant in the company's Safety Committee meetings. In these meetings, he expresses concerns about potential hazards and challenges the organization's safety culture when needed. Seth also offers tangible solutions and demonstrates a willingness to participate in the improvement process.

Robert Long, Dynalectric Colorado's President, tells about the first time he met Seth. Seth was a foreman working an overnight shift to remove decommissioned traffic signal poles. As Robert approached the jobsite, Seth immediately stopped him and asked that he wait for the crew to finish their task so that Robert could be briefed on jobsite hazards.

"It was in this first interaction I saw Seth's attention to his surroundings and care for those working with him," Robert said.

After being promoted to General Foreman, Seth continued his commitment to safety. With new responsibilities and an expanded circle of influence, he has become a key safety role model amongst his peers and coworkers. His influence on apprentices and Journeymen has helped instill a strong safety culture in the company's future leaders.

Seth is an exemplar of EMCOR's values. He is devoted to project success and "Mission First" with a "People Always" mindset, caring for his coworkers and leading with a positive attitude.

In his persistent attentiveness to safety protocol and genuine care for his coworkers, Seth has demonstrated true safety excellence over the past year and beyond.

DYNALECTRIC COLORADO INJURY AND INCIDENT FREQUENCY DATA:

Total recordable incidence rate, 2023: **2.74**

Total recordable incidence rate, 2022: **3.37**

Change in TRIR: -19%

Total employee hours worked, 2023: **291,741**

Total employee hours worked, 2022: **237,065**

Change in Hours: +23%

EXCELLENCE IN SAFETY INNOVATION AWARD**Dynalectric Oregon**

Dynalectric Oregon has been recognized with the 2023 Excellence in Safety Innovation Award for developing a custom dust containment solution, the Wall-E Box, that has helped them significantly improve air quality during their retrofit projects, while also promoting safety.



In 2023, Dynalectric Oregon's healthcare team was contracted for an access control retrofit project at Oregon Health and Science University (OHSU) that required approximately 50 wall cut-ins for new card readers. To safely and efficiently complete this work in an active hospital space, the team realized they needed a more effective dust containment solution for the cut-ins and reached out to their research and development (R&D) department for help.

Typically for this work, they would either erect negative air dust containment enclosures or utilize single-use glove bags. However, glove bags were not 100-percent effective at containing dust particles, potentially exposing patients and staff to infections. Dust containment barriers were labor intensive and cumbersome, blocking pathways and creating trip hazards. Both solutions required long, inefficient approval processes.

Dynalectric Oregon collaborated with OHSU's Environmental Health and Safety and Infection Control groups to devise an alternative solution: a clear containment box that adheres to any wall using vacuum pressure. A HEPA vacuum negatively pressurizes the space inside the box to suction it to the wall and, effectively, create a portable miniature fume hood.

Users can perform work through an open sash at the front of the box, with all their tools staged inside on a magnetic strip. Dust and debris are captured by the HEPA vacuum and filtered from the air before it's returned to the hospital environment.

After two and a half months of design, prototyping, testing, and assessment, OHSU enthusiastically approved the tool for use throughout the campus and created a standard operating procedure (SOP) around it. With the tool's first deployment set for OHSU's children's hospital, the team lovingly named it the Wall-E Box.

The Wall-E Box has had a tangible impact on Dynalectric Oregon's safety and productivity at OHSU. Testing showed that operating room air quality was cleaner after cut-in work was performed. Wall-E operates from a cordless power supply, eliminating trip hazards. It fits on a single cart for easy transport, setup, and takedown that doesn't block pathways or require heavy lifting. Because the box is reusable, waste and costs are reduced. And, with an SOP established, work can be performed without going through a lengthy approval process while following a set procedure that helps ensure quality and eliminate safety variables.

With the Wall-E Box, Dynalectric Oregon has demonstrated outstanding creativity in the face of a pressing safety challenge—well deserving of an Excellence in Safety Innovation Award.

EMCOR BUILDING SERVICES**EMCOR Services
New England Mechanical**

EMCOR Services New England Mechanical (NEMSI) received a 2023 Safety Excellence Award in recognition of their safety program's success at engaging employees with creative, impactful new safety initiatives.



In 2022, NEMSI launched a safety campaign called “Do What’s Right, Make Safe Happen” focused on empowering employees to take ownership over the organization’s safety program. The campaign encourages slowing down work to think and adjust and heavily emphasizes that all team members have the authority to stop work if they feel something is unsafe.

The campaign slogan is featured prominently on hardhats, clothing, and safety documents, and stop work authority is a consistent message at toolbox talks, mandatory monthly safety meetings, and safety committee meetings.

NEMSI’s senior management regularly participate in these safety meetings, as well as periodic site safety inspections and corrective actions. In 2023, NEMSI hosted a roundtable discussion called “Russ’s Breakfast,” that included space for employees to share candid thoughts about challenges facing the company, including safety issues. This visible and vocal engagement from the top of the company has helped reinforce the message that if employees stop work for safety concerns, they’ll be supported by leadership.

NEMSI also brought in speaker Alden Davis who spoke about situational awareness and the development of automatic safety habits. Further, Davis conducted a survey with 10 NEMSI field

supervisors, providing additional valuable feedback for the safety team.

To further build engagement, NEMSI has held pre-task plan (PTP) completion contests, safety supervisor incentives, and celebrations for safety performance improvements. They’ve developed targeted initiatives for locations struggling with their safety performance, such as field safety leadership trainings, peer-to-peer mentorship, and text alert programs, which can then be used as a model for company-wide projects.

These efforts have reduced the companies TRIR by 73% and NEMSI has seen an increase in suggestions to their safety committees, more thorough completion of PTPs and job hazard analyses, and a greater number of safety inquiries to supervisors.

NEMSI’s “Do What’s Right, Make Safe Happen” campaign is a great example of how creative ideas built on sound safety principles can drive engagement and improve safety performance.

NEMSI INJURY AND INCIDENT FREQUENCY DATA:

*Total recordable incidence rate, 2023: **0.98***

*Total recordable incidence rate, 2022: **3.67***

Change in TRIR: -73%

*Total employee hours worked, 2023: **816,298***

*Total employee hours worked, 2022: **763,873***

Change in Hours: +7%

EMCOR CONSTRUCTION SERVICES - MECHANICAL**S.A. Comunale**

Last year, S.A. Comunale made significant improvements in their safety culture, helping them register their lowest total recordable incident rate (TRIR) in company history and earn a 2023 Safety Excellence Award.



S.A. Comunale has used leading indicators to help improve their overall safety program, in particular pre-task planning (PTP) and site observations. Safety leadership emphasizes the importance of completing PTPs on all jobsites prior to beginning any work activities, which helps eliminate hazards and avoid complacency.

Site observations are used as a secondary tool to help identify additional hazards before they turn into incidents. Observations are logged for analysis and communicated to management so the data can be used to improve processes and educate employees. In 2023, S.A. Comunale completed over 4,000 PTPs and performed 1,475 site observations.

When incidents do occur, S.A. Comunale closely tracks them and gathers as much data as possible. This has helped them identify areas they need to improve, such as issues they still have with musculoskeletal disorders (MSDs) that result from repetitive, awkward motion. To combat MSDs, they've begun experimenting with exoskeleton devices in the field and are investigating other mechanical tools that help eliminate wasted motion.

Company leadership is committed to continuously improving safety policies and programs and puts safety at the forefront of operations

meetings, pre-start meetings, and bi-weekly project management trainings. This has equipped their Project Managers and other field leaders with knowledge of the latest safety trends and initiatives, creating a force-multiplier to get safety information out to employees.

Backed by leadership support, S.A. Comunale's safety department has been able to communicate safety standards clearly and apply them consistently across the organization. In turn, this has helped them build trust with field teams and foster a culture where employees feel comfortable reporting incidents and speaking up for safety. Safety leaders also work closely with their operations department to illustrate the importance of treating safety as a company-wide, team effort.

S.A. Comunale's push for continuous improvement has helped them not only record outstanding safety performance, but also set them up for a long-term culture of safety excellence.

S.A. COMUNALE INJURY AND INCIDENT FREQUENCY DATA:

Total recordable incidence rate, 2023: **1.39**

Total recordable incidence rate, 2022: **2.04**

Change in TRIR: -32%

Total employee hours worked, 2023: **2,295,925**

Total employee hours worked, 2022: **2,351,571**

Change in Hours: -2%



EMCOR CONSTRUCTION SERVICES - ELECTRICAL**Dynalectric Oregon**

Despite significantly increasing the size of their workforce over the last two years, Dynalectric Oregon has been able to improve their safety performance by emphasizing cooperation and communication, earning them a 2023 Safety Excellence Award.



The cornerstone of Dynalectric Oregon's safety program is the collaboration they've cultivated between their safety team and field leadership. Their safety professionals are problem solvers that work closely with electricians. This approach has developed mutual respect amongst their team and helped turn field leaders into committed safety advocates.

Dynalectric Oregon's CEO, COO, Division Managers, and Field Operations Superintendents also actively engage with field and safety personnel. They regularly visit sites, attend team events, and are involved with weekly safety walks that offer deeper insight into potential hazards.

This visible commitment at the top of the organization has helped foster an environment where employees feel comfortable raising concerns and suggesting improvements. Open dialogue helps them identify potential safety issues early and work together to find solutions.

To further encourage communication, the safety team utilizes a company-wide "text-em-all" system that sends regular safety updates and resources, and their intranet platform displays safety statistics. These efforts promote a sense of inclusion and help keep safety top of mind across the organization.

Dynalectric Oregon is also constantly analyzing their performance data to identify high-risk areas, engage teams in tailored discussions, and address persistent safety issues. Through things like prefabrication, process optimizations, customized training, and high-quality safety gear, they seek innovative solutions to these issues. They have even invested in more than 20 highly specialized tools that have helped measurably improve safety and efficiency.

The success of these investments has not only improved compliance, but also further encouraged electricians to vocalize safety challenges with the confidence that the company will take action to find a solution.

As a result of these efforts, Dynalectric Oregon maintained, for a second consecutive year, a significant drop in their total recordable incident rate after increasing the size of their workforce by more than 50-percent in 2022—an incredible achievement deserving of recognition.

DYNALECTRIC OREGON INJURY AND INCIDENT FREQUENCY DATA:

Total recordable incidence rate, 2023: **0.39**

Total recordable incidence rate, 2022: **0.38**

Change in TRIR: +3%

Total employee hours worked, 2023: **1,530,221**

Total employee hours worked, 2022: **1,587,959**

Change in Hours: -4%



EMCOR INDUSTRIAL SERVICES



Diamond Refractory Services

Diamond Refractory Services has incorporated a number of new, creative initiatives into their safety program, which has earned them a number of industry safety recognitions, including a 2023 Safety Excellence Award.



Diamond believes that a strong safety culture must be actively cultivated. They've gone to great lengths to empower employees to take ownership of their safety program. This includes ongoing safety training, regular safety audits and inspections, and investments in new technologies and resources.

Daily safety meetings and toolbox talks encourage employees to voice concerns, and team members are consistently reminded of their stop work authority. Team members who demonstrate safety leadership are encouraged to direct safety meetings and mentor their peers.

In 2023, Diamond created a new "Crew of the Week" award to celebrate teams who demonstrated outstanding safety performance. They also reinforced their Helping Everyone Learn and Participate (HELP) Card program, which actively encourages employees to suggest initiatives that could improve safety and productivity in the field.

Alongside these efforts to empower employees, Diamond also emphasizes data-driven improvements and pays special attention to several leading indicators. They closely track near miss reporting, safety

training participation, compliance, and feedback and are constantly analyzing safety performance and benchmarking.

Robust safety data helps them assess the success of their program, identify potential risks early, and implement targeted interventions. For example, employee feedback helped them realize that front-line supervisors played a critical role in responding to medical emergencies on-site and needed CPR training. To address this gap, they implemented a comprehensive CPR training program in 2023 that was specifically targeted at these positions.

As a testament to the growth of their safety culture, Diamond has been awarded a number of safety recognitions over the past few years from leading industry organizations—many of them for the first time in company history. Their 2023 EMCOR Group Safety Excellence Award is one honor among these that speaks to the ingenuity and effectiveness of their safety program.

DIAMOND REFRACTORY INJURY AND INCIDENT FREQUENCY DATA:

Total recordable incidence rate, 2023: **0.00**

Total recordable incidence rate, 2022: **0.43**

Change in TRIR: -100%

Total employee hours worked, 2023: **305,140**

Total employee hours worked, 2022: **463,712**

Change in Hours: -34%

