



Titan Electric
COMPANIES

A COMPREHENSIVE GUIDE TO ACHIEVING SAFETY EXCELLENCE

IN THE ELECTRICAL CONSTRUCTION INDUSTRY

©

POWERING THE FUTURE

ACHIEVING SAFETY EXCELLENCE

As a premier electrical contractor, leading with safety is one of our greatest responsibilities to our employees, our customers, and our communities. At Titan, our commitment to ensuring our team members return home safely each day is our highest priority, and a fundamental business principle inherent to our industry.

Today, safety in electrical construction is no longer a compliance checkbox—it is a strategic differentiator. Titan Electric Companies embeds safety into every aspect of its operations, from daily field practices to long-term workforce development. In honor of National Safety Month, our safety experts compiled a comprehensive guide outlining our approach to safety management in electrical construction. The enclosed guide features pragmatic and measurable best practices to help companies actively pursue and achieve safety excellence. Our Guide to Safety Excellence includes four pillars:

1. **Safety Framework** - *An in-depth look at our “safety-first” approach and methodologies that contribute to achieving safety excellence.*
2. **Safety Training** - *A summary of the critical training methods and practices that equip our team for success.*
3. **Safety as a Competitive Advantage** - *How a comprehensive safety program works as a competitive advantage while safeguarding our workforce.*
4. **Safety as a Culture Driver** - *How strong leadership, shared accountability, and core values reinforce safe behaviors across all levels of the organization and foster a strong corporate culture.*

Actively striving for safety excellence is a universal responsibility for all companies operating in the construction space. It saves lives and can make all the difference between a poorly managed project and exceptional execution on a job site.

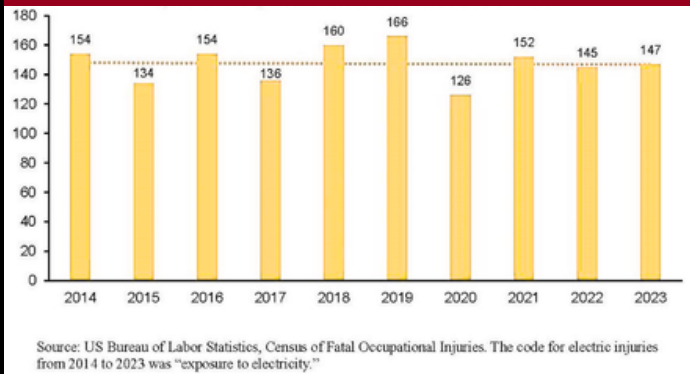
We hope this guide serves as a valuable resource for your organization to attain its safety goals.

INTRODUCTION

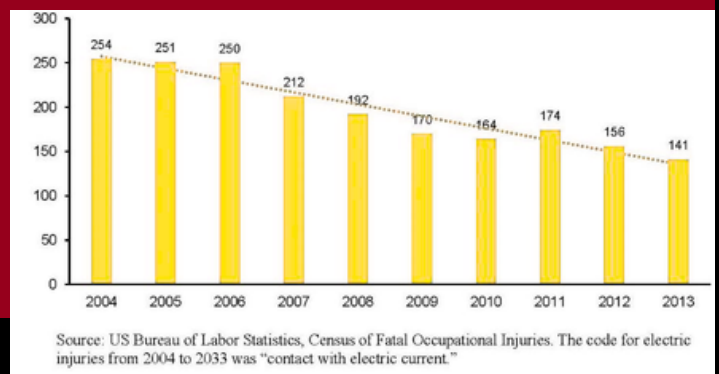
The U.S. Bureau of Labor Statistics reported 1,034 workplace deaths in the construction industry in 2024. This statistic significantly outpaced other labor industries such as manufacturing, mining, and transportation.¹ In a published report in 2025, the National Fire Prevention Association (NFPA) reported 142 construction worker deaths as a result of exposure to electricity with an additional 5 fatalities resulting from exposure to electric arcs; one of the many causes of electrical fatalities.²

Between 2014-2023, the US Bureau of Labor Statistics reported the number of electrical fatalities ranged between 155-125, versus the 2004-2013 period where the number of electrical fatalities averaged higher, but demonstrated significant decline in the 9-year period—peaking at 254 in 2004 and settling at 141 by 2013³. While the rate of decline over the last 13 years is encouraging, this data still emphasizes the many risks associated with construction work which are amplified for electrical construction workers.

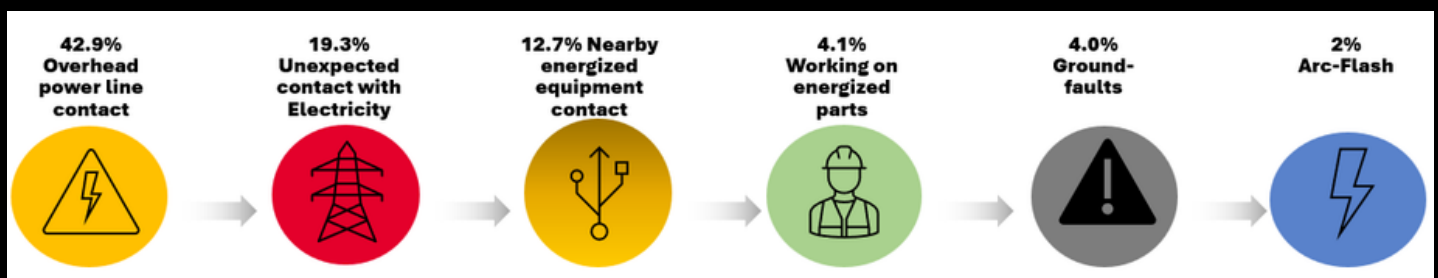
Occupational electrical fatalities—2014-2023



Occupational electrical fatalities—2004-2013



What are some of the main causes of Electrical Fatalities?⁴



1- <https://www.bls.gov/iif/fatal-injuries-tables/fatal-occupational-injuries-table-a-1-2024.htm#:~:text=11,Construction,-1%2C034>

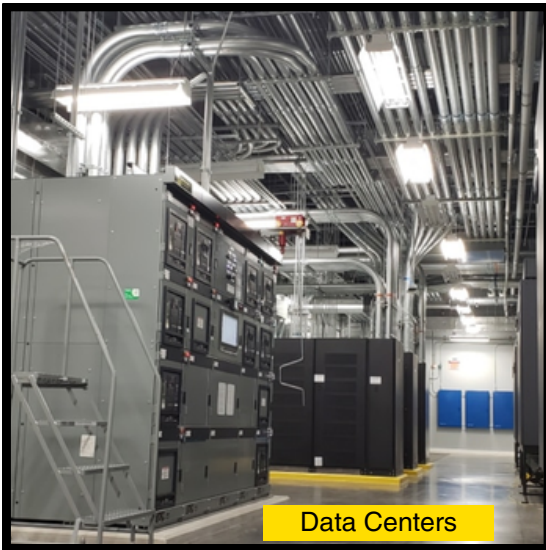
2- [Fatal Occupational Injuries in 2023 Caused by Exposure to Electricity or Arc Flash; By NFPA Research 01-Aug-2025](#)

3- [Fatal Occupational Injuries in 2023 Caused by Exposure to Electricity or Arc Flash; By NFPA Research 01-Aug-2025](#)

4- <http://esfi.org/Workplace-Electrical-Fatalities-2011-2024>



INTRODUCTION



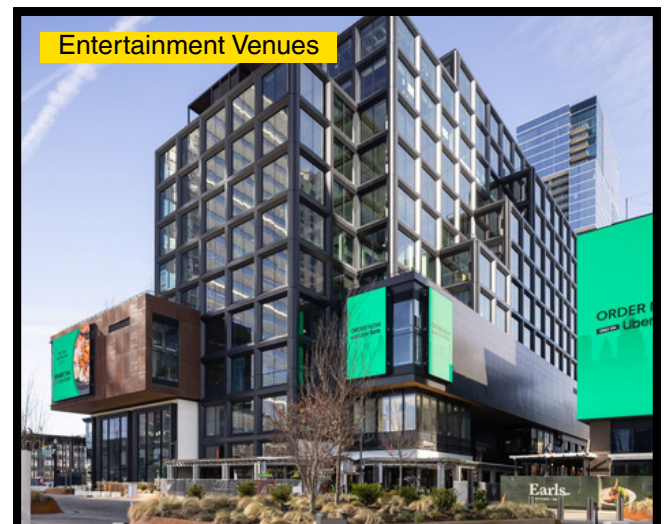
Data Centers

The emergence of data centers, high-rise residential buildings, and entertainment venues has called for vigorous safety protocols in order to navigate these sophisticated electrical landscapes that are becoming more prominent in ground-up construction. As regulatory expectations evolve and project complexity grows, organizations must adopt systems that prioritize prevention, accountability, and continuous improvement. Over the last 20 years, Titan Electric Companies has built a safety culture rooted in consistency, communication, and leadership engagement, ensuring that every employee and partner operates with the highest level of safety awareness and responsibility. Our approach to safety prioritizes education and training to ensure preparedness at all levels.

Rather than an afterthought, Safety is part of our DNA; defining who we are and what we do.



Multi-Unit



Entertainment Venues



1. SAFETY FRAMEWORK



Titan Electric Companies' Safety Framework: Consistency & Accountability

"We reinforce safety expectations by embedding them into our daily operations rather than treating them as a standalone requirement,"

Ximena Vasquez, Safety Coordinator, Team Southeast.

Titan Electric Companies' safety framework is structured around daily, routine practices that reinforce expectations and reduce risk exposure. Safety does not end after our new employee's orientation; it is an ongoing process reinforced through daily communication, hazard assessments, and continuous engagement with all team members. At the beginning of every project, our designated project lead—typically the site Superintendent—meets with the crew to discuss potential hazards they may encounter, and the best practices required to perform work safely. By maintaining a consistent focus on safety throughout the life of the project, we promote compliance, accountability, and a safer work environment for everyone on site.

Daily Job Hazard Analyses (JHAs)

One of the core elements of our safety framework involves conducting Job Hazard Analyses (JHAs), which primarily consists of daily meetings that review various safety issues related to our projects. Our teams conduct JHAs before work begins each day with the entire project team to proactively identify hazards and implement mitigation strategies as necessary. Every task is broken down step-by-step with crew members participating in the identification of task-specific dangers and recommending controls to reinforce safety at every turn. Conducting regular JHAs prioritizes safety and allows risk awareness to be embedded into the project team's approach on a daily basis. JHAs, Safety Tips of the Day, and other meetings are conducted in both English and Spanish to ensure vital information reaches everyone involved.

Did you know?

OSHA, NFPA and the Bureau of Labor Statistics all recommend JHAs as a means to avoiding fatalities and injuries on construction jobsites



SAFETY FRAMEWORK



Weekly "Toolbox" Talks

Conducted to address emerging risks, reinforce best practices, access hazards and near misses, and allow open dialogue and feedback amongst the team.



Strict PPE Policies

PPE policies are strictly enforced across all job sites. PPE policies demand that the entire team is always using the proper safety attire while onsite. (i.e., hard hats, gloves, vests, footwear, etc.)



LOTO (Lockout/Tagout) Reviews

These meetings are designed to protect all team members from electrical machinery and equipment hazards by assessing active energy sources and machinery are regularly monitored, properly locked and tagged, and isolated when needed.



Regular Site Audits

Supervisors and Safety personnel frequently visit work sites to monitor safety compliance, assess work conditions for our field personnel, and reinforce safety best practices throughout the project life cycle.

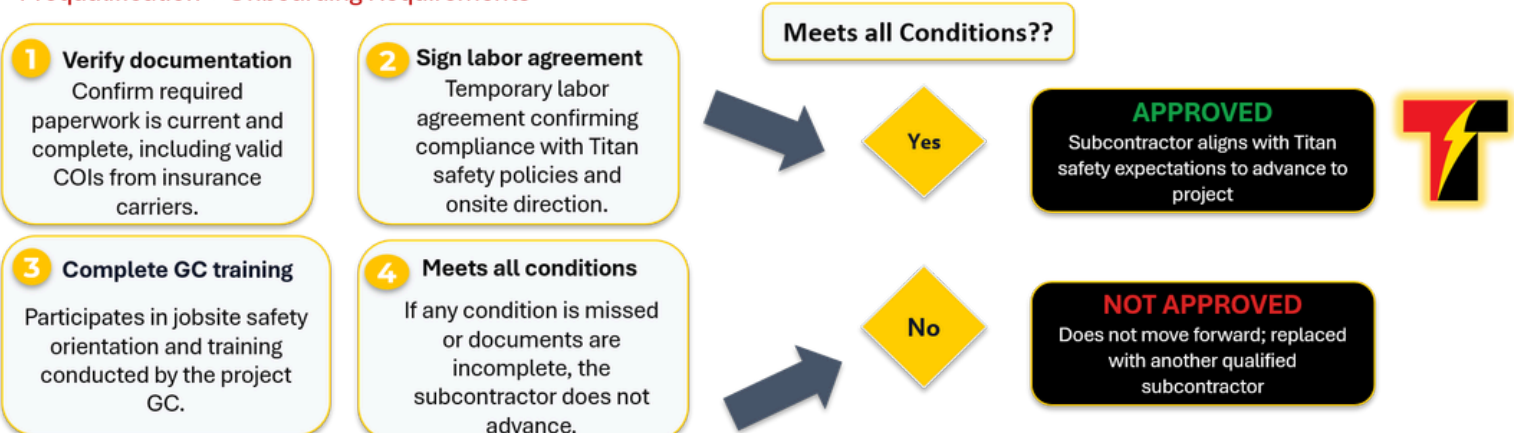
Titan Electric JHAs consist of the following best practices and are an integral part of our safety framework on all of our job sites.

Subcontractor Alignment

Ensuring that our subcontractors are aligned and meet specific criteria is a key part of our safety due diligence and an essential component of our Safety Framework. All subcontractors are subject to rigorous prequalification and onboarding processes to confirm that they meet Titan Electric Companies' safety expectations. Any subcontractor who fails to meet our conditions does not move forward, requiring us to reopen the search until we find one who does. Securing strong subcontractors reduces inconsistency, promotes alignment, and strengthens overall site safety performance for the duration of the project. A summary of our subcontractor alignment process can be seen below:

Titan Electric Companies' Subcontractor Alignment Process

Prequalification + Onboarding Requirements



OPEN COMMUNICATION CHANNELS

Our safety culture is one of transparency that addresses issues quickly and effectively. Project teams are encouraged to discuss any safety concerns with the many resources available to them onsite including Safety Managers, Project Managers, and Foremen. Our leadership team reinforces communication as an integral part of our safety diligence at every available opportunity and conveys how critical it is in mitigating safety hazards. Clear and concise communication is vital to the success of our projects.

DOCUMENTATION AND TRACKING

Maintaining accurate documentation, submission of timely reporting, and efficiently tracking safety incidents all constitute the final component of our safety framework. While we strive to be incident-free, should safety incidents occur, our team efficiently documents incident reports, near-misses, and corrective actions immediately. These records support trend analysis, continuous improvement, and regulatory compliance. More importantly, complete reporting allows us to protect our teams from future risks, thereby converting a short-term incident into a long-term benefit.



2. SAFETY TRAINING METHODS



“Today, training is much more hands-on, more frequent, and more specific than ever. It has definitely evolved away from “one and done” to a model of continuous safety education,” Flavio Mellao, Safety Manager, Team Texas.

With the advancement of technology and prominence of AI in the workplace, Safety training has transformed significantly over the last several years, shifting from more of a reactive instruction model to a proactive, technology-enabled one. Historically, safety training consisted of obtaining one type of certification that had to be taken in a classroom and completed before pursuing any other certifications. Today, employees are able to obtain multiple certifications simultaneously if they choose to given the many training options they now have access to. Our team is encouraged to obtain safety certifications from primary safety organizations such as OSHA to ensure compliance with the most current regulations in the workplace. Titan Electric Companies also promotes advanced education through various online platform modules that offer Arc Flash awareness, LOTO, and electrical hazard recognition training.

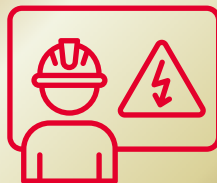
Titan professionals have access to sophisticated training options including:

**Online learning
platforms and mobile
tools**



**Provides additional
methods of pursuing
safety training at the
employee’s convenience**

**Simulation-based training
for high-risk scenarios-**



**Provides hands-on training
that can be easily
transferred and applied on
site if needed**

**Specialized courses in Arc
Flash, Lockout/Tagout, and
other critical areas**



**An integral part of
overall safety
compliance and
JHA execution**

By investing in advanced safety education, our team supports a more informed, and adaptable workforce that is educated, confident, competent and most importantly, prepared for the unexpected.



“We invest in training because we know the cost of skipping it is always higher than the cost of doing it right. When our people feel informed, equipped, and supported, they work with more confidence,” Flavio Mellao, Safety Manager, Team Texas

SAFETY TRAINING METHODS

Ongoing Training and Corporate Safety Initiatives

*At Titan, we are committed to advancing our safety culture with a ‘top-down’ methodology where Leadership actively promotes safety as a shared responsibility throughout all levels of the organization. Additionally, all employees and our leadership team, whether in the field or office, receive role-specific safety training and regular refresher courses as part of their professional development with Titan. We also strive to introduce innovative ways to advance safety excellence with new corporate safety initiatives that promote safety education *and* teambuilding as a means of strengthening the Titan culture. Our success is driven by our strong team, so the more tools we can provide to fortify them, the more resilient our team becomes in the marketplace. For us, ensuring that our workers return home safely every day is as equally important as meeting our production goals, and adhering to scheduling and budget requirements*



HSI Adult First Aid/CPR/AED Training-

This year, Team Georgia rolled out its first-ever HSI Adult First Aid/ CPR/ AED training initiative as an additional safety resource for all office and field employees. The pilot program was launched earlier this year and will be fully implemented across all Titan locations by the end of 2026.

OSHA Certification Initiative- Titan Electric Companies is in the process of rolling out an initiative to sponsor OSHA 10 Certifications for all Field employees, and OSHA 30 Certifications for all Field Leadership (Foremen, Superintendents, Project Managers, etc.). This initiative should be fully implemented by 2027, and encourages employees to pursue advanced safety training at the company’s expense.



SAFETY TRAINING METHODS

Safety Expos - Team Texas hosts an annual Safety Expo where the TX field staff participates in various safety training and team building activities. Usually scheduled in the Fall, Titan Electric partners with vendors to deliver hands-on training on new equipment and tools, as well as guidelines for fall protection, trench and excavation safety, and aerial and boom lift operation. In addition, the TX Safety team leads electrical awareness and Lockout/Tagout (LOTO) training sessions in-house. The Safety Expo not only provides vital information on equipment and procedures for field staff but is also regarded as one of the most popular teambuilding events for our employees. Other offices also conduct similar educational and teambuilding events for their local teams throughout the year.



SAFETY TRAINING METHODS

Safety Appreciation Program - Team Georgia recently rolled out the **Titan Safety Appreciation Program**—an internal rewards program centered around encouraging, celebrating, and rewarding safety best practices on active job sites by allowing employees to earn rewards for their “Safety First” approach to work. “Titan Sparks” (rewards) are collected and redeemed for a variety of prizes that include Titan-branded merchandise, retail gift cards, tools, field equipment, and other fun prizes. Those who achieve the maximum number of “Titan Sparks” available are ultimately rewarded with an additional paid-day off.



3. SAFETY AS A COMPETITIVE ADVANTAGE



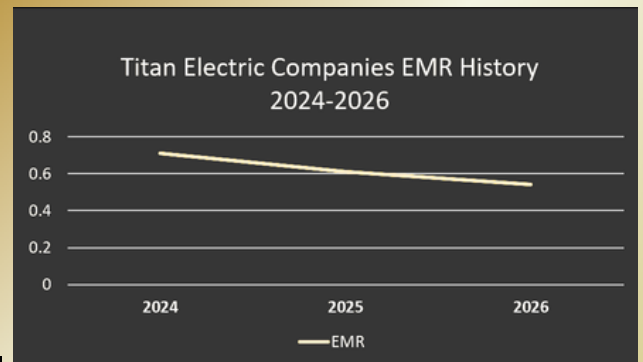
“Our commitment to safety demonstrates reliability to clients and general contractors, reduces downtime, and supports greater productivity. It builds trust with our partners, contributes to higher employee satisfaction and retention, and positions us as a leader in quality and professionalism,” Ximena Vazquez, Safety Coordinator, Team Southeast

A strong safety record is one of the greatest strategic assets to have as an electrical contractor in a very competitive industry. Titan’s commitment to safety is part of our value proposition as a company as it speaks to our reliability, capabilities, and overall professionalism. A strong safety record is not only a testament to our competence, but also a strong tool as it relates to vendor negotiations, recruiting, and securing top service providers in our industry.

To our potential clients, safety excellence ensures minimal disruption, avoids costly delays, and demonstrates that our team’s capabilities extend well beyond the average electrical contractor. When seeking the best electrical talent for our team, whether field or office, a strong safety record is emblematic of our commitment to keeping our employees safe and protected, and could be the deciding factor on whether or not a jobseeker accepts a role at Titan.

Lastly, our strong safety record demonstrates the limited risk potential service providers undergo when agreeing to work with us; this may include insurance carriers, medical providers, general contractors, speciality contractors, and financial institutions. Vendors need to know they can trust Titan to protect their financial interests and provide strong returns on their investments—a strong safety record is one way to convey that.

Excellent project execution across various markets is our collective goal as an organization; excellent project execution combined with a safe and productive work environment is how we secure our position as one of the leading electrical contractors in the US.



Did you know?

Experience Modification Rate (EMR) is an important metric used to determine the percentage of severe injuries on job sites. Titan Electric Companies’ EMR is currently 0.54; a powerful indication of how we apply our safety methodology on site. The lower rate signals less exposure for potential insurance carriers and affects the kinds of insurance rates Titan Electric Companies may be eligible for. Based on our performance to-date, our EMR is expected to average 0.49-0.51 this year.



4. SAFETY AS A CULTURE DRIVER

At Titan Electric, our Core Values aren't just words we use to adorn our hallways or decorate our t-shirts with...they are meaningful principles that guide us in being a premier electrical services provider in the electrical construction industry. From executive meetings to field performance, from BIM execution to new business pursuits, our Core Values are woven throughout every aspect of our business, and our approach to safety is no exception. Our safety efforts go hand-in-hand with how we honor our Core Values, how we uphold our Company Mission, and ultimately how we drive our strong corporate culture.

Titan Electric Companies' Core Values as *Incorporated Into our Approach to Safety*



Integrity - Ensuring that our Safety Framework is shared and enforced with all involved parties on all job sites regardless of size or scope



Accountability - Assuming responsibility for consistently acknowledging safety needs and challenges and addressing both in real time with our team, clients, and partners throughout the project's life cycle



Respect- Continuously acknowledging the inherent safety risks specific to our job sites and implementing policies and procedures to mitigate them



Innovation- Committing to the relentless pursuit of advanced safety education, training tactics, technology tools, and advanced safety equipment to positively affect our work environments and protect our team



Teamwork- Taking pride in working together to push safety to the forefront of our operations and ensure that it remains a shared priority and responsibility for all Titans

"Our Core Values drive our operations and guide our actions as a Company. When it comes to safety, there isn't one value that isn't embedded into our safety approach."

Titan Safety Team



SAFETY MATTERS



Titan Electric's commitment to safety is comprehensive, proactive, results-oriented, and deeply woven into our daily operations. By adhering to our safety framework which combines consistent field practices, promotes advanced training and development opportunities, encourages leadership engagement, and requires rigorous documentation, Titan sets the gold standard for safety excellence in the electrical construction industry. This commitment protects employees, strengthens partnerships, secures vendor relationships, and ultimately positions Titan as a leader in delivering high-quality, reliable project outcomes.

Guided by our Core Values—Integrity, Accountability, Innovation, Respect, and Teamwork, and driven by our passion for safety excellence, our team stands ready to deliver your next major electrical project safely, efficiently, and with exceptional results.



WHY TITAN?

Choosing the right electrical contractor comes down to trust. You can trust Titan to make your project's success our primary goal...You can Trust Titan to ensure Safety is treated as a top priority on your job site...and you can Trust that Titan is capable of executing your project to its highest potential. At Titan Electric, we approach all clients, new or existing, with a single purpose: **creating a client for life.**

Each day we set out to consistently perform in a manner that distinguishes us from the competition. Our unwavering commitment to safety is one way we do that—our mission of *Powering the Future* is another. There's a reason our team has been Powering companies for over 20 years...contact your local Titan team to experience the distinction.