

Joaquin Garner

Substation Electrician

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SUMMARY

Dedicated Journeyman Electrician with over four years of experience in utility substation maintenance, particularly high voltage systems. Proven competence in interpreting complex schematic diagrams and executing proficient troubleshooting procedures under pressure. Strong commitment to operational efficiency aligning with both regulatory standards and safety protocols. Expertise in maintaining and managing electrical equipment alongside effective inventory management has markedly improved overall service quality. Committed team player collaborating closely with peers and supervisors fosters an environment of shared success while mentoring junior staff to uphold the highest safety and technical standards.

EXPERIENCE

Substation Electrician

Electric Systems Inc. 📅 January 2022 - Present 📍 Chicago, IL

Responsible for maintenance, testing, and inspection of high voltage conversion equipment and ensuring compliance with safety regulations. Regularly involved in decision-making regarding equipment usage and process optimizations, leading operational improvements during critical project phases.

- Spearheaded maintenance tasks on high voltage switchgear, improving reliability and meeting safety standards.
- Executed thorough testing and troubleshooting of various circuit systems, leading to advancement in performance metrics.
- Collaborated cross-functionally with industry professionals to enhance preventive maintenance plans, raising workforce effectiveness.
- Proficiently managed inventory control, fostering streamlined operations and cost savings through optimized supply chain processes.
- Maintained detailed documentation on testing outcomes and activities забезпечуючи compliance with regulatory audits.
- Guided less experienced electricians on best practices pertaining to equipment safety and repair techniques.

Electrician

Power Solutions Group 📅 June 2018 - December 2021 📍 Chicago, IL

Focused on installation and maintenance of utility substation gear alongside emergency repair interventions. Developed significant expertise in SCADA systems essential for robust monitoring of operations, supporting lasting system improvements.

- Facilitated installations of high voltage transformers, yielding marked increases in workspace operational uptime.
- Contributed substantially to emergency repair efforts, maximizing responsiveness during critical system failures.
- Enhanced remote operating capacities by developing comprehensive skills in SCADA implementations.
- Participated in hands-on training and safety drills, embedding a culture of proactive safety within the electrical team.
- Collaborated effectively between engineering teams, addressing and solving pressing equipment challenges diligently.
- Supported logistics for timely upgrades on power systems while keeping costs in line and enhancing efficiencies.

LEADERSHIP & AWARDS

- Journeyman Electrician License, State of Illinois, 2018
- OSHA 30-Hour Safety Certification, 2021

EDUCATION

High School Diploma

Chicago Technical High School 🎓 GPA: 3.2 📅 2016 📍 Chicago, IL

Coursework: Mathematics, Science, Electrical Theory, Safety Practices

CERTIFICATIONS

- Journeyman Electrician License 📅 2018
- OSHA 30-Hour Safety Certification 📅 2021

TECHNICAL SKILLS

- **High Voltage Equipment:** 12kv AC Switchgear, 4kv AC Light Switchgear, 1500v DC Rectifiers
- **Testing Tools:** Digital Multimeter, Insulation Tester, Circuit Analyzer
- **Inventory Software:** SAP, Oracle Inventory Management, Maximo
- **Safety Standards:** NFPA 70E, OSHA Regulations, IEEE Standards
- **Communication Tools:** Microsoft Teams, Slack, Zoom
- **Documentation Tools:** Microsoft Word, Excel, AutoCAD

- **Operation Tools:** Multi-Meter, Oscilloscope, Clamp Meter
- **Project Management Software:** MS Project, Asana, Trello
- **Frameworks:** Lean Principles, Agile Methodologies, Six Sigma
- **Regulatory Compliance:** ANSI C84.1, NERC Standards, UL Standards

SKILLS

- High Voltage Systems
- SCADA Systems
- Inventory Management
- Troubleshooting & Repair
- Electrical Safety Standards
- Team Collaboration

PROFESSIONAL AFFILIATIONS

- Member, National Electrical Contractors Association
- Volunteer, Local Community Safety Workshops

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST