

Rohan Marshall

Commissioning Electrician

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SUMMARY

Experienced Commissioning Electrician with over 5 years in mission-critical environments, specializing in electrical systems commissioning for large-scale data centers. Proven expertise in medium and low voltage power distribution systems, functional testing, and vendor training. Strong communication skills ensuring clear explanations of technical concepts. Committed to enhancing technical capabilities and ensuring successful execution of commissioning processes. Collaboration with internal teams fosters continuous improvement for operational excellence. Support a rapidly expanding infrastructure environment that impacts scaling critical operations.

EXPERIENCE

Commissioning Electrician

Current Projects LLC 📅 February 2022 - Present 📍 Chicago, IL

Managed commissioning processes for diverse data center projects, focusing on essential electric infrastructure performance. Oversaw vendor operations ensuring high compliance and efficiency standards.

- Lead instruction and certification for vendors on executing functional testing scripts for electrical equipment, maintaining established protocols.
- Supervise commissioning activities across medium and low voltage power systems, UPS, and EPMS, elevating operational efficacy across multiple installations.
- Conduct hands-on field training for vendor technicians, bolstering team preparedness and achieving higher performance benchmarks.
- Create detailed training records and certification documentation, optimizing operational clarity and transparency.
- Identify technical skill gaps within the vendor workforce, instituting corrective actions that enhanced service delivery metrics.
- Collaborate with internal stakeholders to develop pertinent training materials which significantly improved vendor capability.

Electrical Technician

TechElectra Inc. 📅 March 2018 - January 2022 📍 Chicago, IL

Executed functional testing for critical electrical components, contributing to robust operation reliability within demanding settings. Played a pivotal role during system onboarding processes.

- Implemented functional testing scripts for electrical infrastructure, ensuring operational reliability amidst demanding standards.
- Supported commissioning of expansive electrical systems, including switchgear and PDUs, leading to timely project completion.
- Interpreted complex electrical drawings ensuring precision in installations and adherence to industry best practices.
- Documented nuanced commissioning activities meticulously, facilitating smooth audits and compliance verification.
- Participated actively in safety evaluations fostering a shared commitment towards workplace safety.
- Streamlined technician onboarding by participating in training that enriched performance and organizational knowledge.

Junior Electrician

Voltage Dynamics 📅 June 2016 - February 2018 📍 Chicago, IL

Contributed to the successful installation and commissioning of electrical systems, exerting substantial influence on client satisfaction and project execution timelines.

- Assisted in installing and commissioning commercial electrical systems, ensuring efficient project cycle and client gratification.
- Contributed to maintenance tasks within medium voltage power distribution systems preserving regulatory adherence and performance integrity.
- Worked closely with experienced electricians validating operational reliability through hands-on maintenance and troubleshooting efforts.
- Engaged in ongoing training sessions that refined practical skills within electrical domains and fostered professional growth.
- Maintained rigorous compliance with OSHA regulations promoting heightened safety at the worksite.
- Diligently documented day-to-day operational frameworks, reinforcing effective project management methodologies.

LEADERSHIP & AWARDS

- OSHA Safety Award for Excellence in Compliance, 2020
- Outstanding Performance Recognition from TechElectra Inc., 2021

EDUCATION

Associate of Applied Science in Electrical Engineering Technology

Chicago Community College 🎓 GPA: 3.8 📅 2016 📍 Chicago, IL

Coursework: *Electrical Systems, Power Distribution, Circuit Analysis, Safety Standards*

CERTIFICATIONS

- Active Journeyman Electrician License 📅 2022
- OSHA 30 Certification 📅 2022

TECHNICAL SKILLS

- **Power Distribution Systems:** UPS Systems, Generators, Switchgear
- **Testing Equipment:** Multimeters, Oscilloscopes, Insulation Resistance Testers
- **Software Tools:** AutoCAD, Microsoft Office, BIM
- **Compliance Standards:** NFPA70E, NEC, IEC
- **Building Management Systems:** BMS Platforms, EPMS
- **Diagnostic Tools:** Load Analyzers, Visual Fault Finders, Digital Meters
- **Installation Techniques:** Cable Laying, Circuit Breaker Setup, Transformer Installation
- **Documentation Practices:** Test Plans, Completion Reports, Safety Evaluations
- **Electric Equipment:** PDUs, Power Panels, Relay Racks
- **Training Methodologies:** Hands-On Training, Competency Evaluations, Instructional Design

SKILLS

- Electrical Systems Commissioning
- Functional Testing
- Vendor Training and Assessment
- Medium and Low Voltage Systems
- Safety Compliance
- Electrical Drawings Interpretation
- Project Documentation
- Performance Evaluation
- Team Leadership
- Risk Management
- System Troubleshooting
- Onboarding New Technicians
- Process Improvement
- Training Material Development
- Regulatory Adherence

PROFESSIONAL AFFILIATIONS

- Member of the National Electrical Contractors Association (NECA)
- Active Participant in Local Electrical Safety Workshops

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST