



JOB DESCRIPTION

Role: Electrical Technician (X1)

September 2023

JOB PURPOSE:


We are seeking an experienced Electrical Technician with a minimum of 2 years of hands-on experience in electrical systems installation, maintenance, and troubleshooting. The ideal candidate will be responsible for installing, diagnosing, and rectifying electrical issues, performing preventive maintenance, and contributing to the overall efficiency and safety of our electrical solution deployments. The successful candidate should have a strong understanding of electrical principles, a proven track record of problem-solving, and the ability to work both independently and as part of a team.

THE WAY WE WORK

You are open-minded, deeply passionate and the way you work brings the best out of your colleagues. You are committed to timely results delivery. You lead by example and your uniqueness adds value to us. Join our dynamic team and contribute your expertise to maintaining and improving our electrical solutions for optimal performance and safety. We offer competitive compensation, opportunities for professional growth, and a collaborative and fun-loving work environment.

RESPONSIBILITIES

Expected End Results	Supporting Activities
1. Maintenance and Repairs:	<ul style="list-style-type: none">• Diagnose, troubleshoot, and repair electrical malfunctions in various equipment and systems.• Perform routine maintenance tasks to ensure optimal functioning of electrical systems.• Identify faulty components, wiring, or connections and replace or repair them as needed.• Collaborate with other team members to address complex electrical issues.
2. Electrical Installations:	<ul style="list-style-type: none">• Assist in the installation of new electrical systems, equipment, and components.• Follow electrical diagrams, blueprints, and technical manuals to ensure accurate installations.• Verify the integrity of new installations through thorough testing and quality checks.
3. Safety and Compliance:	<ul style="list-style-type: none">• Adhere to all safety guidelines and protocols to ensure a safe working environment.• Maintain awareness of electrical codes and regulations, implementing them in all tasks.• Identify potential electrical hazards and take corrective actions to mitigate risks.
4. Documentation:	<ul style="list-style-type: none">• Maintain accurate records of all maintenance, repairs, and installations performed.• Create detailed reports on findings, actions taken, and outcomes.• Update electrical schematics and diagrams to reflect changes and improvements.

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5. Collaboration:	<ul style="list-style-type: none"> • Communicate effectively with team members, supervisors, and other units. • Provide technical assistance and guidance to other technicians and apprentices. • Collaborate with engineers and project managers to contribute to ongoing projects.
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SKILLS & KNOWLEDGE

Educational Qualifications & Functional / Technical Skills	<ul style="list-style-type: none"> • A minimum of 2 years of hands-on experience as an Electrical Technician. • Diploma or associate degree in electrical engineering, Electrical Technology, or a related field. • Proficient understanding of electrical systems, components, and wiring diagrams. • Strong troubleshooting and problem-solving skills. • Familiarity with electrical codes, regulations, and safety standards. • Ability to use electrical testing and diagnostic equipment effectively. • Excellent communication skills, both written and verbal. • Strong attention to detail and accuracy in documentation. • Ability to work independently and as part of a team. • Flexibility to work in various environments, including construction sites and industrial settings.
Relevant Experience (Type of experience and minimum number of years)	<ul style="list-style-type: none"> • Electrical licensure or certification. • Experience with PLC systems and industrial automation. • Knowledge of renewable energy systems (solar, wind, etc.). • Proficiency in using computer-aided design (CAD) software for schematic creation.