



CHENGELO SCHOOL

AS A WITNESS TO THE LIGHT

JOB DESCRIPTION: Electrician

PURPOSE: Chengelo's stated purpose is to:

“Educate and train young people to become Witnesses to the Light of Jesus Christ in Zambia and beyond”

The Electrician plays a vital role in ensuring a safe and reliable supply of power to the school facilities while also maintaining and servicing all electrical components and systems. This position is responsible for various tasks related to electrical installations, repairs, and maintenance to ensure the school's electrical infrastructure operates efficiently and safely.

ACCOUNTABLE TO: Site Foreman

WORKING RELATIONSHIPS: Work closely with the Site Manager, Projects team, Site Team, Ndubaluba Site Supervisors, contractors and relevant staff and workers.

Main Responsibilities:

- **Monitor and Ensure Safe Power Supply:** The Electrician is responsible for monitoring and ensuring the safe supply of power from ZESCO (or other power providers) and generators. This includes overseeing power distribution to various buildings and ensuring the integrity of power lines.
- **Power Connections:** Safely connect power to buildings, new installations, and replacement power lines, following established protocols and safety guidelines.
- **Generator Operation:** Operate generators as directed, ensuring they are functioning correctly and are available as backup power sources when needed.
- **Light Fittings and Electrical Components:** Replace, install, and monitor light fittings, sockets, switches, and other electrical components as necessary to maintain proper lighting and electrical functionality.
- **Equipment Maintenance:** Service and maintain school electrical equipment to ensure it operates efficiently and safely.
- **Fault Identification and Repair:** Diagnose and repair electrical faults promptly and accurately. Provide advice and recommendations for long-term solutions.
- **Safety Compliance:** Utilize the correct equipment and tools while performing tasks to maintain safety at all times. Isolate unsafe connections and exposed wires promptly to prevent accidents or hazards.
- **Communication:** Effectively communicate all concerns, issues, and safety-related matters to the Site Manager and other relevant personnel.
- **Additional Duties:** Perform any other related duties as assigned by the Supervisor to support the smooth operation of the electrical systems.

EDUCATION AND EXPERIENCE

- EIZ registered.
- Proven experience working in a maintenance role.
- Minimum of Trades certificate in Electrical.

SKILLS AND ABILITIES:

- **Technical Knowledge:** A strong understanding of electrical systems, wiring, circuits, and electrical codes and regulations.
- **Blueprint Reading:** Ability to read and interpret blueprints, sketches, and detailed drawings, which is crucial for planning and executing electrical installations.
- **Leadership:** Ability to plan, coordinate, and direct the work of semi-skilled workers.
- **Quality Control:** Ability to inspect electrical work for adherence to plans, specifications, and work orders, ensuring safety and compliance.
- **Problem-Solving:** Strong problem-solving abilities to diagnose electrical issues and implement appropriate solutions.
- **Safety Awareness:** A strong commitment to safety protocols and practices to prevent accidents and ensure the well-being of oneself and others.
- **Interpersonal Skills:** Ability to establish and maintain effective working relationships with subordinates, colleagues and other staff members.

REVIEW AND AMENEDMENTS

- The Electrician will undertake other reasonable duties related to the job purpose required from time to time.
- This job description should be seen as enabling rather than restrictive and will be subject to regular review.