

MISSIONS OF HOPE INTERNATIONAL

JOB DESCRIPTION

Position: Electrical and Solar Installation Trainer
Reports to: Deputy Principal
Supervises: None
Department: MTTI

OVERALL JOB PURPOSE

To deliver high-quality Competency-Based Education and Training (CBET) in Electrical Installation and Solar PV Systems in line with approved TVET curricula and national occupational standards, while supporting learner competence development, employability, and holistic growth in accordance with MOHI values.

DUTIES AND RESPONSIBILITIES

1. Deliver CBET-based training in Electrical Installation and Solar PV Systems in accordance with approved TVET curricula and occupational standards.
2. Prepare and implement schemes of work, lesson plans, session plans, and training schedules as required by TVETA.
3. Conduct theoretical and practical training in electrical wiring, installation, maintenance, fault diagnosis, and solar PV installation.
4. Develop, administer, assess, and record formative and summative assessments, including practical competency evaluations.
5. Prepare learners for internal and external examinations and assessments conducted by KNEC, NITA, and TVET CDACC.
6. Maintain accurate training, assessment, attendance, and learner progress records in line with institutional and regulatory requirements.
7. Ensure safe use, maintenance, and storage of tools, equipment, and consumables, complying with Occupational Safety and Health standards.
8. Monitor learner attendance, discipline, competence achievement, and progression, and provide mentorship and academic support.
9. Support industrial attachment placement, workplace learning, and employer engagement for skills enhancement.
10. Participate in quality assurance activities, departmental meetings, curriculum reviews, audits, and institutional inspections.

Academic and Professional Qualifications & Experience

- Diploma in Electrical Engineering, Electrical Installation, Electrical & Electronic Engineering, Solar PV Technology, or a related field from a recognized TVET institution.
- Bachelor's Degree in Electrical & Electronic Engineering, Renewable Energy Engineering, or a related discipline will be an added advantage.
- TVET Trainer Certificate (Pedagogy / CBET Trainer Certification) or equivalent recognized by TVETA.
- Familiarity with KNEC, NITA, and TVET CDACC assessment frameworks.
- Minimum 2 years relevant industry or training experience in electrical installation and/or solar PV systems.
- Hands-on experience in practical electrical works and solar installations is highly desirable.

- Strong practical and instructional skills in electrical and solar technologies.

Competencies/Abilities/Skills Required

- Must have a certificate of good conduct.
- Excellent verbal and written communication skills.
- Must be proficient in MS Office suite.
- Must be of high personal integrity and ethics.
- Must have accuracy and keen attention to detail.
- Proactive and self-motivated.
- A team player with the ability to establish rapport with colleagues.
- Must have ability to work and relate well with people from diverse background, and handles people in a firm but highly respectful manner.
- Must be a well-organized individual who is able to coordinate tasks well and complies with given instructions.
- Must be a born again Christian and active member of a church (Letter of recommendation from your pastor is a must).