

LEVINE CHIMFWEMBE

Electrical Engineer

0964435223 | levinec2@gmail.com

Objective

I am passionate about designing and implementing innovative solutions that drive efficiency and sustainability. With a solid background in power systems, electronics, and control systems. I am committed to staying at the forefront of technological advancements in the industry and leveraging my skills to make a meaningful impact.

Professional Skills

- **Reliability centered maintenance:** Proficient in reliability-centered maintenance, including preventive, corrective, and condition-monitoring tasks.
- **Project management:** Covering initiation, planning, execution, and closeout.
- **Excellent organizational skills:** Operation Management, Performance and trend analysis, Team building.
- **Effective communication skills:** Both verbal and written, including technical writing.
- **Technical skills:** Network Engineering, Risk Management, Project Management & Audits Data, Control Systems, Cisco, Technical drawings and flow charts and CAD software (e.g., AutoCAD, SolidWorks)
- **Effective team player:** The ability to work in cross-cultural teams while maintaining self-discipline and motivation.

Experience

Greenlight Planet (SUNKING) | Failure Analysis and Reliability Engineer

Sep 2025 – Present

Operation – Zambia Head Office, Lusaka

- Conduct structured failure investigations and condition-based assessments on electrical and electronic systems to identify failure modes, degradation trends, and early indicators of failure.
- Apply FMEA techniques to analyse recurring failures, assess risk and criticality, and support defect elimination and corrective action development.
- Collect, analyse, and trend reliability and performance data from field returns and operational units to support reliability improvement initiatives.
- Record failure events, inspection findings, and corrective actions in CMMS and reliability databases, ensuring accurate data entry and traceability.
- Monitor performance of trial components and design changes, evaluating reliability outcomes and field performance.
- Provide technical support to service and maintenance teams through interpretation of CMMS data, preparation of technical reports, and practical recommendations to reduce repeat failures.

Bank Of Zambia | Technical Maintenance Officer

Aug 2024 – Sep 2025

Procurement And Facilities Management Department – Regional Office, Ndola

- Responsible for the routine maintenance of bank equipment and electrical facilities and aiding with projects and repairs. Ensuring compliance with safety standards and regulations
- Documenting and reporting maintenance activities and issues
- Provide technical and administrative support in order to ensure effective and efficient projects planning and quality implementation, Lead and manage the project resources (including people,

procurement, systems, time and budget) from the initiation of an identified project to the end of the defined project lifecycle or process in order to deliver on project goals and objectives

- Develop and implement maintenance schedules and plans, produce and analyse Architectural drawings and BOQ's
- Collaborate with external contractors to the site of repair and maintenance work, ensuring that their presence has been recorded, and that they adhere to all health, safety and emergency procedures.

First Quantum Minerals Kansanshi | Electrical Engineer Intern

Dec 2021 – Apr 2022

Maintenance Department – Mining Technology Section

- Maintenance of operational technology systems and related applications
- Troubleshoot system, network problems, diagnosing and solving hardware or software faults.
- Responsible for the Installation, and repair of digital VHF Two-Way Radio System.
- Install, test and maintain Cisco, Rajant Kinetic Mesh Wireless Network, HP GPS Drill Navigation, Fleet Management, and IP Network Cameras, Network design and fiber splicing.
- Repair and installation of solar backup power on all mine telecom towers and network repeaters
- General maintenance of mine network sites

Education

MULUNGUSHI UNIVERSITY

BACHELOR OF ENGINEERING (BEng) Electrical and Electronics (*Graduated 2023*)

KANSENSHI SECONDARY SCHOOL

School Certificate (*2014 – 2016*)

References

Engineer Watson Mkandawire

Superintendent MINE TECH – FQM Kansanshi Mine watson.mkandawire@fqml.com

Engineer Greyard Tembo

Head of Department Engineering – MULUNGUSHI UNIVERSITY

+260 971 679 159

enqr.tembo@gmail.com

Mushaukwa Lindunda

Maintenance Technologist – Bank of Zambia

+260 96 951301/0979 616 425

[Mlindunda@boz.com](mailto:mlindunda@boz.com)

Henry Nyirongo

Technologist – Electronics Regional Office

+260 977640339

hnyirongo@boz.com