

# MOSES MUKANDAWIRE | ELECTRICIAN

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## Professional Profile

Technically oriented Electrician with over 5 years' experience in mining, construction, textiles, residential, beverages and industrial electrical installations. Possesses profound of knowledge wiring standards. Demonstrates the proven ability to build productive relationships to lead and collaborate with wireman teams and specialist contractors to achieve demanding resource and time constraints.

## Core Skills

- Electrical system maintenance
- Faulty finding/Testing
- Method statements
- Industrial site installation
- Equipment selection
- Control panel wiring
- Health and Safety
- Installation regulations
- Building Management

## Career Summary

**Nov 2021 to date**                      **RioZim Cam and Motor Mine**

### **Electrician**

- Administering the new conduct wiring and coordinating the replacement of electrical panels, motor starters and sockets
- Leading the installation of new electrical components and the maintenance and repair of existing electrical infrastructures
- Carried out the timely completion of BIOX plant project, procured, negotiated and ordered all materials required for project completion.
- Successfully integrated compatibility in the newly installed transformers, agitators, pumps, blowers and control circuits both in the MCCs and the field for the BIOX plant project

**Mar2021–Nov 2021**                      **Kadoma Textiles (Martin Spur)**

### **Electrician**

- Successfully implemented proper electrical safety systems during work to minimise accidents and injuries and industrialised record keeping processes which improved job completion by 15%
- Carried out about 8 projects on machine electrical upgrades by installing LSIS drives and PLCs, this improved efficiency to 92% and a significant production increase.
- Conducted safe isolation procedures in line with electrical and HSE requirements.

**Jan 2021 - March 2021**      **Bindura Nickel Corporation, Zimbabwe**

**Electrician**

- Fault finding and reconfigurations on VFDs, soft starters, PSNAP relays, resistor tanks, motor starters, MCCs' operations and electrical faulty codes.
- Ensured the installation of electrical apparatus on jaw and cone crushers, conveyor belts, 80ft and 150ft thickeners, compressors, blowers and ball mills.
- Carried out timely completion of Planned Preventative Maintenance tasks which were completed to 97% efficiency on a daily basis.

**Jan 2017 - Aug 2017**      **RioZim Dalny Mine, Zimbabwe**

**Electrician**

- Carried out upgrades and improvements on conveyor belts, inter-locking and sequential starting circuits using soft starters which improved efficiency to 93% and minimised breakdowns by half.
- Identified improvement possibilities, inspected all health and safety deficiencies and gave feedback to the departmental foreman on all various electrical equipment's status.

**Jan 2016 - Dec 2016**      **Bulawayo Polytechnic, Zimbabwe**

**Electrical Assistant**

- Spearheading the setup of generators, lecture rooms wiring, transfer switches and preparing cost estimates, enabling the provision of facilities that are not connected to the primary power source
- Communicated all requirements to the supervisor inclusive of techniques, targets and specifications

**Jan 2015 - Jan 2016**      **RioZim Empress Nickel Refinery, Zimbabwe**

**Industrial Attachment**

- Undertook a 1 year industrial placement and acquired profound experience in the completion of numerous domestic, commercial and industrial installations

## **Education and Qualifications**

**Jan 2018 - Dec 2019**      **National Diploma in Electrical Power Engineering**

Harare Polytechnic, Zimbabwe

**Dec 2017**      **Certificate of skilled worker qualification, Class 1 Electrician**

**Jan 2014 - Dec 2016**      **National Certificate in Electrical Power Engineering**

Bulawayo Polytechnic, Zimbabwe