

CURRICULUM VITAE

Mr. Austin Chanda

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PROFILE

PERSONAL MOTIVATION

Through continual professional development, my goal is to constantly improve my capabilities, and in turn help elevate the standards of engineering in Zambia to the highest standard practised anywhere in the world! I am an eloquent speaker, a team player and a good leader. I pay careful attention to details both on site and in the office and strive to maintain a high standard of quality in my own work, the work of those I supervise and those who supervise me by applying the LDN principle: *"Plan it well, Do it well and Finish it well"*

I am an enthusiastic and self-motivated person holding a Diploma in Electrical Engineering, capable of taking a leading role on people's need

Capable of initiating and developing creative approaches to successfully implement as well as monitor personnel growth to further the objectives of an organization.

Good verbal and written communication.

Good grasp of Internet and well-developed personal relations with my peers and seniors.

I feel I would be an effective asset to your forward-thinking organization.

PERSONAL DETAILS

First Name:	Austin
Surname:	Chanda
Address:	7018 Off Luongo Street Nchanga North Chingola Zambia
Date of Birth:	13 th May 1987
Marital Status:	Single
Nationality:	Zambian
Languages:	English and Bemba
Interests:	Football, chess, adventure, reading & watching TV

EDUCATION

Institute: The Copperbelt University
Qualification: Diploma in Electrical Engineering
Year Obtained: 2010 to 2013

Institute: Kabundi High School
Highest Qualification: Grade 9 to Grade 12
Year Obtained: 2003 to 2006

EIZ Membership: # 230401140027429

WORK HISTORY

Company: Kagem Mining Limited
Job Title: Electrical Foreman
Dates: 2016 to Current

- Substation grounding grid and Lightning Protection network electrodes
- Resistance to remote earth measurements
- Electrical soil resistivity measurement investigations for underground water prospecting and well siting with copper electrodes
- Cable insulation resistance validation and polarization index
- TV and telecoms aerials-towers lightning and power protection
- Socket- outlet RCD Protection and Lighting –surge arresters permissible leakage current
- Installation of solar energy and maintenance
- Generator maintenance

Transformers:

Carrying out preventive maintenance on Power Transformers i.e. checking and making sure that the:

- Buchholz relay
- Transformer oil temperature indicator
- Oil level
- Pressure relief
- Winding temperature is operational
- Changing the Silica Gel if it has absorbed moisture and there is colour change
- Cutting and taking transformer oil samples to the lab to check the breakdown voltage and moisture content

Company: Electric Earthing Protection Systems Limited, Lusaka
Job Title: Electrical Technologist Inspector
Dates: 2015

Motors and Gen Sets

- Installation of motor control Centre boards
- Maintenance of wound motor which draws 2.2KV on the ball mill
- Maintenance of Generator set
- Replacement and maintenance of contactors
- Installation and maintenance of induction motors which draws 380V and 550V
- Installation of earth leakage relay in boomer box underground
- Repair and maintenance of three phase submersible pumps underground

Overhead cranes and conveyor belts

- Installation and maintenance of overhead cranes
- Repair and maintenance of conveyor belts
- Maintenance of pull wire switches which is an emergence switch on conveyor belt

High Voltage Switchgear

- Testing of Electronic and Electromechanical protection relays using the secondary injection test kit
- Changing of insulating oil in the Oil Circuit breakers after testing
- Checking and making sure that OCB contact resistance is ok using a ductor tester
- Maintenance on substation having both vacuum and oil circuit breaker
- Installation of various switch gear, transformers and MV motor control centres

Termination and Joint making on cables

- Making of joints on 11KV cables both on underground and concentrator
- Cables ranging from 2-185 mm

Problem Solving

- Capable of planning work to meet targets with minimum supervision
- Adept at solving problems logically and methodically
- Willing to liaise with others to seek advice when necessary

Teamwork

- Providing the quality of service through teamwork that meets service needs
- Experience of planning and organizing within a team situation

Company: Konkola Copper Mine, Chililabombwe
Job Titles: Electrical Technologist - Vacation Project Training
Dates: 2013

- On Electrical Substation 1.1B, we were installing of Enermax Energy Meters on the Switch Gears for easy remote check-up of Maximum demand and Total Energy consumption through the Programming Logic Controller (PLC) via Ethernet cable to the energy control board room in Chingola

- Maintenance of all types of Motor starters, which includes Direct online and Star- Delta connections and monitor the company's performance appraisal system
- Repair and maintenance of general lighting Systems for offices and plant lighting. These includes Fluorescent lamps, high pressure mercury Vapor and Sodium Vapor lamps
- Prepares the monthly departmental maintenance logbook
- Carries out any other duties as assigned by supervisor

Company: Reliant Drilling Company under Konkola Copper Mine
(Nchanga Underground)
Job Titles: Electrical Technologist
Dates: April 2014

- Fundamental concept on Electrical Protection on Electrical machines to ensure that there is maximum continuity of production with minimum damage to life and properties
- Protection of valuable Electrical and Electronics Equipment against transient over-voltage originating from lightning and from switching using Selection of Surge Protection Devices and connects in parallel between live and earth for the equipment to be protected
- Protection of people from Electric shock through using Voltage operated Earth Leakage Circuit Breaker (ELCB) or current operated Residual Current Devices (RCD), Connected between live and neutral

REFERENCES

Name: Dr. Lemba Nyirenda
Position: Managing Director
Company: Electric-Earthing Protection Systems Limited Lusaka
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Name: Mr. Kaunda Paul
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Name: Mr. Mwaba Martin
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Certification and Documentation provided on request