# Career Overview & Key Skills

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| **Name:**   | **Chad Chiwandire**   |
| **Role:**   | **Qualified Electrician and Wireman**   |
| **Experience:**   | 33 Years - Electrical installations, repairs, and maintenance. Working on high-voltage transmission lines and substations. Performing compliance checks and certification on electrical systems. Ensuring health and safety protocols are followed.  |
| **Desired Salary / Availability:**   | Negotiable / 1 Month Notice  |
| **Desired Location:**   | Qatar |

**Qualified electrician with more than thirty-three years of experience in the electrical industry. Holds a Zimbabwean Electrical Trade Test Class 1 Certificate and a South African Red Seal (Section 26) Electrician Trade Certificate.** **Expertise and experience in high voltage transmission and distribution networks from 11kV to 330kV, including substation maintenance. Possesses vast proficiency in residential and commercial installations, including wiring houses, apartments, chalets, and townhouses. I have also worked on street lighting projects in the Johannesburg Central Business District and surrounding suburbs as well as the installation of power to wooden houses close to the coast in the Western Cape. I have 18 years’ experience working in South Africa and currently employed as an electrician by Ferro Electrical.**

## Key Skills

* Installing and maintaining electrical systems, equipment, and devices.
* Installing and repairing domestic and commercial electrical wiring.
* Working safely at heights, including street lighting and overhead line construction.
* Interpreting schematic diagrams and blueprints.
* Installing, testing, and inspecting single- and three-phase motors.
* Maintaining high-voltage electrical substations including 11 kV, 33 kV, 88 kV, and 330 kV.
* Wiring panels and electrical installations on distribution boards and kiosks.
* Performing single- and three-phase domestic and industrial installations.
* Proficient in electrical troubleshooting, problem-solving, repairs, and maintenance.
* Knowledge of safety regulations and electrical codes.
* Knowledge and use of a variety of electrical testing instruments.
* Using and maintaining hand and power tools.
* Computer software: MS Word, MS Excel, MS PowerPoint, MS Outlook, MS Windows, Web Browsers.
* Effective communicator, leader, and supervisor.
* Teamwork and collaboration.
* Time management, organisation, multitasking, and meeting deadlines.
* Customer service and quality orientation as well as attention to detail and precision.
* Adaptable to various work environments.
* Patience and the ability to remain calm under pressure.
* Physical fitness and stamina for demanding tasks.
* Professionalism and a strong work ethic.

# Education & Membership

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| **From**   | **To**   | **Qualification/ Membership**   | **University / Institution**   |
| March 2022  | -  | Red Seal (Section 26) Electrician Trade Certificate South African Trade Test  | Olifantsfontein College  |
| September 2015  | -  | Wireman's Licence (Installation Rules Papers 1 and 2)  | Central Johannesburg College  |
| March 2015  | -  | National Qualifications Framework Level 4 Evaluation  | South African Qualifications Authority  |
| August 2013  | -  | Electrical Maintenance and Repair Certificate  | Intec College  |
| September 2000  | -  | Advanced Welding | Basic Welding  | Zimbabwe Electricity Supply Authority National Training Centre  |
| November 1998  | -  | Zimbabwe Trade Test Certificate Class 1  | Zimbabwe Electricity Supply Authority National Training Centre  |
| August2024 |  | Working at Heights Certificate | SM TRAINING  |
| September2022 |  | H. I. R. A (Hazard Identification and Risk Assessment) Certificate.  | TZM Services |

# Employment Experience

## Ferro Electrical, Johannesburg, South Africa September 2022 – 30 April 2024 Electrician

**Projects & Duties:**

* Carrying out single- and three-phase motor and motor control wiring, installation, and testing.
* Installing switchgear, electrical reticulation, power supplies, backup power, and UPS systems.
* Ensuring that faults are identified and rectified using test instruments, multimeters, and megger polarity earth testers.
* Ensuring and testing the continuity of supply.
* Servicing and maintaining transformers, carrying out oil sampling, and planning outages for repairs and maintenance.
* Installing and jointing low and medium voltage cables for power supplies and substations.
* Wiring houses as well as installing or upgrading domestic and industrial equipment such as dimmer switches, lights, and ceiling fans.
* Carrying out inspections and planning effective preventative maintenance.
* Investigating root causes and identifying problems in electrical networks, planning corrective measures accordingly.
* Compiling reports and preparing parts and material requests for the project manager and finance department.
* Completing job cards.
* Ensuring compliance with South African National Standard 10142 (Electrical) for the safe installation of electrical wiring.
* Ensuring safety regulations are adhered to by identifying hazards and completing risk assessments accordingly. Additionally, updating relevant inspection sheets and registers in safety files.
* Ensuring that protective equipment and clothing are used and worn appropriately.

## Hermanus Trading & Electrical (Pty) Ltd, Hermanus, South Africa May 2022 - August 2022 Electrician

**Projects & Duties:**

* Installing and wiring wooden house electrical systems.
* Performing residential and commercial electrical installations.
* Carrying out inspections and testing to issue electrical Certificates of Compliance (COCs).

## Ryancris Trading, Johannesburg, South Africa February 2018 - April 2022 Electrician

**Projects & Duties:**

* Installing electrical fittings including lighting circuits.
* Servicing and maintaining diesel generators.
* Servicing electrical equipment such as heavy-duty industrial machines and appliances used in kitchens and laundries.
* Installing and jointing low- and medium-voltage cables within electrical substations.

## 115 Electrical Solutions, Midrand, South Africa March 2016 - December 2017 Electrician

**Projects & Duties:**

* Performing various work on street lighting on behalf of Johannesburg City Power.
* Constructing 33 kV and below overhead lines.
* Constructing aerial bundle cable (ABC) lines.
* Erecting and dressing poles for streetlights.
* Operating cherry picker cranes and operating construction vehicles.
* Installing and jointing low- and medium-voltage cables.
* Installing mini-substations, control street boxes, and kiosks.

##  Our Kingdom Engineering, South Africa November 2012 – December 2015 Electrician

**Projects & Duties:**

* Carrying out inspections and testing to issue electrical Certificates of Compliance (COCs).
* Installing and rewiring of plugs and switches.
* Upgrading and maintenance of DB boxes.
* Installing mini-substations, control street boxes, and kiosks.
* Performing residential and commercial electrical installations.

## Pridop Enterprises,South Africa February 2006 – December 2011 Electrician

**Projects & Duties:**

* Installing and jointing low- and medium-voltage cables.
* Cable Layout, mini sub connections and commissioning.
* Performing fault finding and repairs on generators.
* Installing, maintenance and repairs of pumps and motors.
* Carrying out inspection, testing and commissioning of installations.

### Zimbabwe Electricity Supply Authority (ZESA) January 1989 – October 2005 Electrician

**Career Progression at ZESA:**

* Substation Maintenance Electrician, 2000–2005. • Apprentice Electrician, 1995 – 1999.  Linesman Assistant, 1989 -1994.

**Projects & Duties:**

* Maintaining 11 kV, 33 kV, 88 kV, 132 kV, and 330 kV substations, plant, and equipment for 15 years.
* Wiring and maintaining control room panels, distribution boards, substations, and kiosks.
* Assembling, installing, and maintaining transformers.
* Repairing insulators and conductors on high-voltage transmission lines.
* Maintaining 50 V DC and 110 V DC standby batteries for plant and equipment.
* Maintaining 330 kV and below transmission lines, including vegetation clearance.
* Changing insulators on 11 kV, 33 kV, 88 kV, 132 kV, and 330 kV transmission lines.
* Performing megger testing on medium- and high-voltage transformers from 11 kV to 330 kV.
* Taking daily substation equipment readings and performing transformer oil testing.
* Ensuring continuity of supply in all transmission and substation feeders.
* Performing preventative and routine maintenance on substations, plant, and equipment.
* Wiring high-voltage substation plant and equipment, such as circuit breakers, transformers, compressors, static var compensators, reactors, capacitors, and feeder terminals.
* Executing substation refurbishment and extension projects.
* Ensuring power availability and reducing production downtime.
* Minimizing breakdowns through routine preventative maintenance.
* Performing routine and emergency switching.
* Investigating root causes and identifying problem areas in the network.
* Training apprentice electricians according to applicable policies and procedures to minimise nonconformance.
* Ensuring safety regulations are adhered to, identifying hazards associated with assigned tasks, and escalating hazards that cannot be mitigated.
* Ensuring the proper use of personal protective equipment.
* Reporting incidents and injuries to the Asset Care Engineer.
* Using special substation test equipment such as circuit breaker timing testers, contact resistance testers, oil testers, megger testers, and SF6 leak detectors.
* Ensuring compliance with company safety rules.

**Achievements:**

* 10-Year Long Service Award (ZESA)
* 15-Year Long Service Award (ZESA)

# Additional Details

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| **Nationality:**   | **Zimbabwean with (ZEP) Zimbabwean Exemption Work Permit.**   |
| **Driver’s Licence:**   | Code 10 (C1) Vehicles up to 16 t with a trailer up to 750 kg.  |
| **Software:**   | MS Word, MS Excel, MS PowerPoint, MS Outlook, MS Windows, Web Browsers.  |
| **Languages:**   | **English and Shona.**   |
| **Referees:**   |   |

* Ferro Electrical – Ben Pophiwa CEO +27 81 788 3553
* Ryan Chris Trading – Chrispen Chagwedera DIRECTOR +27 78 350 4004
* 115 Electrical Solutions – Antony Mpati CEO +27 11 314 0250
* Zimbabwe Electricity Supply Authority – Oliver Mudadi National Grid Controller +263 77 211 6826

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