



# Sidney Xavier dos Santos NHAMUMUE

## ELECTRICAL ENGINEER

### PROFILE

Enthusiastic and dynamic young Engineer, eager to learn and contribute with my experience.

I have functional knowledge of electrical legislation, codes, and standards of practice, and I have been gaining expertise in use of electrical tools.

I'm currently working as Senior Electrical Technician in Mining Industry (ruby wash plant) for Fura Gems Company.

I have experience leading teams and working collaboratively with others in fast-paced environments. My analytic abilities, strong interpersonal skills and reliable nature make me an asset to many teams.

My main ambitions are to integrate myself into a dynamic work team and committed to positive results, however, keep learning to become a reference professional in my field.

### ADDRESS

Current: Montepuez (by working)  
Hometown: Inhambane

### CONTACTS

Phone Nr.: 849477882 or 869477882

Email: [Sidneyhamue@gmail.com](mailto:Sidneyhamue@gmail.com)

Linkedin:

<https://www.linkedin.com/in/sidney-xavier-6a0981134/>

### LITERARY ABILITIES

**2015-2019-**Degree in Electrical Engineering from Catholic University of Mozambique - Faculty of Engineering

### WORK EXPERIENCES

#### **2023-Present: Senior Electrical Technician at FURA Gems.**

**Main roles:** Supervise electrical team works

Oversee electrical maintenance and repair activities in the wash plant, ensuring the uninterrupted operation of machinery and equipment;

Conduct routine inspections and preventive maintenance to identify and address electrical issues proactively;

Troubleshoot and diagnose electrical problems, including motors, control panels, VFD and PLC Systems, to minimize downtime.

Maintain accurate records of equipment maintenance, repair and spare parts inventory;

Train and mentor junior technicians in electrical maintenance and safety procedures;

Collaborate with cross-functional teams to plan and execute plant upgrades and modifications.

#### **2023/2022- Electrical Engineer at Penta-Ocean Construction**

**Main roles:** Supervise (ensure that work is done in accordance with acceptable standards, checking method statements, design proposals, working drawings and as-built drawings), monitor subcontractor works concerning electrical installations such as substations (0.4/6.6/11KV, MV Cells, Power Transformers, Genset, NGR, Switchgears, earthing network), Telecommunication System and Supervisory (SCADA), give support to QA/QS department with fieldwork and documentation for electrical installation Quality Control, attend inspections with the Project Engineer and prepares reports in English on all tests carried out, Test and Commissioning "*Construction of Port Facilities for Nacala Port Development Project Phase I & II*" – Nacala-Porto

**Key achievement:** Upgrade the power source and install new equipment for Nacala-Port

#### **2021- Electrical Site Manager at JV Rousant International and Elemech Engineering**

**Main roles:** Supervise, Monitoring, Management of work teams, schedule works, meeting with the client (EDM), maintain project records and progress reports in construction of Medium 33 KV and Low Voltage Lines and Expansion of the Electric Power Network (*Energy for All Project*) – Inhambane

**Key achievement:** Supply 14.580 new customers with energy

COMPUTER SKILLS

- AutoCad
- ISPSOft & DOPSOft
- Power World Simulator
- PVSyst
- CadeSimu
- MS Office (Excel, Word, PowerPoint, Project, Visio), Internet

PROFESSIONAL SKILLS

- High sense of responsibility and commitment with company goals;
- Problem-solving
- Focused on results
- Time management
- Reporting

EQUIPMENT EXPERTISE

- Digital Multimeter
- Delta DVP PLC
- AC Drive
- Soft Starter
- High Voltage Digital Insulation Tester

LANGUAGE SKILLS

- Portuguese - Native
- English – B2

PROFESSIONAL REFERENCES

Mc Ryan Armea- Immediate Supervisor – Penta-Ocean Construction Ida.

[engrarmeaa@gmail.com](mailto:engrarmeaa@gmail.com), +639279686042

Eduard Razon – Supervisor/HOD – Penta-Ocean Construction

[eduard\\_razon@yahoo.com](mailto:eduard_razon@yahoo.com), 867480399

Eng. Huo (EDM-Inhambane) - 874173475

2020-2021- Electrical Engineer as freelancer

**Main activities:** Projection/Design, execution, supervision of Electrical installation of buildings, Cost estimation of electrical engineering scope of work, including equipment and construction costs, maintenance of Electrical Infrastructures, Design of Transformer Stations, Generator Set, Photovoltaic Systems – Mz.

**Key achievement:** Increase my ability to develop and analyze electrical projects and personal capability of negotiation.

2020- Junior Electrical Engineer at ENTERIA

**Main roles:** Preparation and management of specifications, schedules, estimates, progress reports, meeting agenda and minutes, and procurement issues - Inhambane

Electrical drawing of water supply system, coordinate activities and supervise the teamwork - Inhambane

**Key achievement:** Supply enough and potable water for communities

2018- Internship at Electricidade de Mocambique (EDM) at department of Maintenance and Fault Analysis -Chimoio

**Main activities:** Corrective, Preventive and Predictive maintenance, ensure that all equipment are working properly, such as Power Transformers, CT, VT, Circuit Breakers. Maintenance of equipments of substations, HD4 SF6 circuits breakers, breakers, oil transformer analyze (dielectric strength), earthing system network

2017- Internship at Electricidade de Mocambique (EDM) at department of Installation and Maintenance of Medium and Low Voltage Line Network - Inhambane

**Main activities:** Building of new Low Voltage and Maintenance of Medium Voltage Lines, Poles, Street Lighting, insulators, earthing system, expansion of electrical energy

TRAININGS

- 2024 – DVP Delta PLC & HMI Programming – Treinar Serviços.
- 2023 – Substations/Medium Voltage Cells maneuvers – Teixeira D.
- 2022 – Electrical Safety Awareness – Knights of Safety Academy
- 2019 – Residential Installation- Centro de Formação Profissional-Chimoio;
- 2018 – The 5 golden rules – Electricidade de Moçambique, E.P
- 2013- English course at J &J Modern English School-Vilankulo

Additional Information

Professional Registration at Ordem dos Engenheiros de Moçambique  
Professional Registration at National Energy Directorate  
Available to travel/work anywhere in the country