



SQINISEKO XULU

ELECTRICAL ENGINEERING

CONTACT

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Almere, Netherlands,
1315GK.

LANGUAGES

- English (Fluent)
- IsiZulu (Fluent)
- Dutch (Basic)

SKILLS

Interpersonal skills:

- Organized, pay attention to details, adaptability, integrity, effective communicator and result orientated.

Leadership skills:

- Positive attitude, decision-making, conflict resolution, problem solver and a team player.

Technical skills:

- Data logs analysis, plant modifications, testing, commissioning, technical report writing and troubleshooting.

PROFESSIONAL SUMMARY

Electrical Engineering Technician with 5+ years of hands-on experience in mission-critical manufacturing, maintenance and commissioning industrial infrastructure environments. Experience in generators, UPS systems, electrical installation, commissioning, preventive and corrective maintenance, HVAC component testing, fault diagnostics, switchgear protection and quality assurance. Strong background in high-availability systems, emergency response, and commitment to maintaining safety and compliance standards (EHS, PSR, Working at Height). Proven ability to work independently, follow structured SOPs, and restore systems under operational pressure. A motivated engineering technician with strong communication and collaboration skills, Ability to adapt and thrive in diverse environments. Topping my qualification is specialized certifications in high-voltage electrical systems, safety compliance, electrical protection and monitoring, etc. Which equip me to excel in challenging and dynamic engineering projects with quality product and safety operations. Seeking to contribute to Critical Environment Operations within a data center environment.

WORK EXPERIENCE

ALSTOM NETHERLADS - AMSTERDAM 2024 - Present
PI Troubleshooter Engineer/Technician

- Perform advanced fault diagnosis and corrective maintenance on critical electrical and mechanical subsystems during commissioning and pre-warranty periods.
- Execute system software updates and SCADA-related modifications while maintaining operational reliability.
- Conduct system validation, performance testing, and failure analysis under operational conditions.
- Support incident response activities to restore system functionality within defined timelines.
- Recommend preventive and corrective actions to improve system reliability.
- Ensure strict compliance with EHS, safety procedures, and secure working practices.
- Utilize various software tools for different subsystems to ensure optimal performance.
- Execute fleet check activities and document deviations in Failure Management database.
- Conduct tests and troubleshooting to evaluate system performance, perform failure analysis.

ALSTOM-GIBELA RAIL CONSORTIUM - JOHANNESBURG 2022 - 2024
Testing and Commissioning Technician

SOFT SKILLS

- Microsoft Office packages (Word, Excel, Outlook, PowerPoint)
- Circuit maker, MATLAB, Multisim, Proteus 8.
- Power Flow, Fluke power analyzer and Fluke Connect.
- Etap16 & 19, ReticMaster.
- FileZilla, PST Upload, IFE Upload, HCU Finder, TES, AutoFie2, TainTraicer and NetSetMan.
- CyberSecurity, Flash32, Merek SmCo and SDupdater.

TRAINING

- Working on Height, SHE Rep, First Aid, Basic Fire Fighter.
- Electrical Power Systems Protection, Control & Monitoring,
- ORHVS and Eskom Safety
- Basic PLC Programming

REFERENCE

Mr. Benno Bloem
Medior Specialist, Nederlandse Spoorwegen (NS).
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Mr. Sifiso Lukhele
Serial Test Manager, Gibela Rail Transport Consortium.
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+27718507301

Mrs. Zandile Neer
COO, Thenga Holdings.
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- Conduct electrical and mechanical system commissioning within a high-availability manufacturing environment.
- Perform functional, static, and dynamic testing to validate system readiness prior to operational deployment.
- Execute detailed fault finding using schematic interpretation, data logs, and system diagnostics tools.
- Conduct Factory Acceptance Testing (FAT) and ensure compliance with quality and safety standards.
- Validate Train Control and electrical subsystems to ensure operational continuity.
- Work under structured procedures and strict safety regulations.

THENGA HOLDINGS – STANDERTON

2020 - 2022

Electrical Technician & Quality Controller

- Performed installation, commissioning, and maintenance of High Frequency Power Supply (HFPS) systems in industrial power environments.
- Conducted preventive and corrective maintenance to ensure operational continuity.
- Responded to emergency callouts for system failures and abnormal operating conditions.
- Performed electrical testing including insulation resistance tests and system parameter verification.
- Conducted Factory Acceptance Tests (FAT) and Site Acceptance Tests (SAT).
- Authorized Responsible Person (AP) for electrical safety compliance.
- Improved EHS performance and ensured compliance with Plant Safety Regulations (PSR).

THENGA HOLDINGS – KIMBERLY, ERMELO &

2019 -2021

CENTURION

Junior Electrical Technician & Project Coordinator

- Conducted assessment, inspection, and reporting on standby diesel generators.
- Prepared technical condition reports and service quotations for generator repairs and maintenance.
- Assisted with procurement of service kits and replacement components.
- Supported maintenance and repair of backup power systems for public infrastructure facilities.



EDUCATION

DIPLOMA: ELECTRICAL ENGINEERING

2019

Mangosuthu University of Technology
Durban, South Africa

NATIONAL SENIOR CERTIFICATE (MATRIC)

2014

Impoqabulingu Senior Secondary School
Mandeni, South Africa