

Electrician Technician – Construction & Maintenance

Since 2001, InnoVent SAS has been developing, financing, building, and operating wind and solar power plants across Europe, Africa, and Asia, with over 300 MW in operation and a growing footprint as an Independent Power Producer (IPP) in some fifteen African countries. To support the construction of the Nsoko Solar Photovoltaic Plant (Lubombo Region, Eswatini), InnoVent is looking to recruit an Electrical Technician.

More info : www.innovent.fr

Mission

The Electrical Technician carries out the installation, testing, and commissioning of the plant's LV (low voltage), HV (high voltage), and DC (direct current) systems. Following commercial operation, the technician joins the permanent maintenance (O&M) crew to ensure the long-term reliability of the assets.

Reporting to the Electrical Supervisor / Site Manager, the Electrical Technician will:

- Supervise the installation of PV module wiring, combiner boxes, inverters, transformers, and MV switchgear in accordance with IEC standards and the Eswatini Electricity Company (EEC) grid code
- Perform insulation-resistance, continuity, and earth-fault tests, and support inverter start-up and grid-synchronization procedures
- Execute scheduled inspections (thermal imaging, torque checks, cleaning), diagnose faults using multimeters, clamp meters, and SCADA alarms, and promptly restore equipment to service
- Complete work permits, isolation certificates, and maintenance logs, and strictly adhere to lock-out/tag-out (LOTO) and arc-flash safety procedures

Profil

- English (technical) is required; siSwati is used for day-to-day communication on site
- Trade certificate or diploma in Electrical Engineering / Electrical Installation (NQF Level 4 or equivalent), with 2+ years of experience in industrial or solar electrical work; experience with medium voltage (MV) is an advantage
- Valid Eswatini Wireman's Licence (or the ability to obtain it) required; a first-aid certificate is preferred
- Able to work at heights and outdoors in the hot climate of the Lubombo region

To succeed in this role, basic proficiency in MS Office (Word, Excel) is required for maintenance logs and reports, and familiarity with SCADA monitoring tools is a plus. A driving license is mandatory.

Benefits

- Housing allowance
- Transport allowance
- Medical aid
- Pension contribution
- Personal Protective Equipment (PPE) provided

Mobility

Primarily site-based, with full-time presence during construction and an office/site split possible during the operations phase. Shift work or an on-call roster applies during O&M. Weekend work may be required around critical milestones and commissioning.

Wage : SZL/E 9,000 – 16,000 gross/month, depending on experience.

Start : January 2027

Interested?

Please send your application to:
hiringinnoventeswatini@gmail.com