



## ADVERTISEMENT

### Senior Electronics Technician

Contract type: Permanent

Job Level: Skilled / Middle Management

Work Location: Cape Town, Western Cape

The South African Environmental Observation Network (SAEON) is a research platform funded by the Department of Science and Innovation (DSI) and managed by the National Research Foundation (NRF).

SAEON is mandated to establish and manage long-term environmental observatories; maintain reliable long-term environmental data sets; promote access to data for research and/or informed decision making; and contribute to capacity building.

This position is supported by the Department of Science and Innovation's South African Polar Research Infrastructure (SAPRI) programme and will be based in Cape Town.

A Senior Electronics Technician to provide technical and logistic support for the SAPRI programme's various research and long-term monitoring activities in the offshore marine and Southern Ocean, Sub-Antarctic Islands and Antarctica, conducted onboard South African and International Research Vessels.

#### Key Responsibilities:

- \* The planning and execution of voyage scientific activities in collaboration with project leaders, specifically the preparation and handling of observation equipment and scientific instrumentation.
- \* The servicing and calibration of marine and terrestrial scientific instruments.
- \* Implementation and management of mooring and instrumentation deployments at various monitoring stations in the Ocean.
- \* Health and safety, including risk assessment and associated safety procedures; onboard the vessel, laboratory and at the premises.
- \* Acquisition of new instrumentation and facilitation of maintenance to existing ones through the supply chain process.
- \* Engagement and liaison with OEM's, distributors and service providers to ensure that all equipment perform optimally and comply with statutory and operational requirements.
- \* Assisting with the collection and recording of scientific measurements, including physical data and biological information, according to proper scientific procedures and protocols.
- \* Assistance with record keeping, data capture and data processing.
- \* Overseeing the work of the other integrated facility technicians
- \* Other tasks relating to SAEON's activities as may be specified by the Manager from time to time.

#### Key Requirements:

##### Qualification:

- \* A minimum requirement of an Honours or BTech in Electronic Engineering, Marine Technology, or equivalent qualification with at least 3 years post-qualification working experience.

##### Experience:

- \* Capacity to adhere strictly to safety regulations and to contribute to the overall safety of operations.
- \* Capacity to multi-task and manage time between multiple projects and activities.

##### Knowledge:

- \* Ability to independently and efficiently plan, maintain and manage various deployments of offshore observing systems, including moorings and instrumentation onboard the vessel.
- \* Proficiency in all aspects of marine and terrestrial equipment (maintenance, setup, operation, data acquisition and processing, troubleshooting).

#### Additional Notes:

- \* A valid driver's license and SAMSA approved medical, as well as the ability to complete SAMSA sea-going courses.
- \* Capacity to spend time away from the office onboard the vessel at sea (for up to 8 weeks), or in port.
- \* The job requires an employee to bend, stoop, reach, or stand for extended periods, lift and move heavy objects and lift and move heavy objects purposes.

#### Information:

The website [www.nrf.ac.za](http://www.nrf.ac.za) provides more details on the NRF initiatives and activities.

## **Applications:**

Applicants should submit a comprehensive CV by logging to <https://ess.nrf.ac.za/Account/Recruitment> and apply online. Applications should be accompanied by a letter of motivation indicating the applicant's suitability for the position. The names and contact details of at least three referees should be provided.

## **Closing Date: 16 November 2022**

The NRF offers a challenging career and competitive remuneration package which is commensurate with qualifications and experience. The NRF is committed to employment equity and redress and the appointment to the position will be made in line with the NRF Employment Equity Plan.

The NRF reserves the right not to make an appointment.

Correspondence will be sent to short-listed candidates only