



science & innovation

Department:  
Science and Innovation  
REPUBLIC OF SOUTH AFRICA



The South African National Space Agency (SANSA) has a mandate, as outlined in the South African National Space Agency Act, 2008 (Act No 36 of 2008), to co-ordinate and integrate national space science and technology programmes and conduct long-term planning and implementation of space related activities in South Africa, for the benefit of the citizens of South Africa.

SANSA has the following opportunity in the Space Science Directorate situated in **Hermanus**, Western Cape to be filled by an individual with the relevant skills, drive, competencies and qualifications. SANSA Space Science forms part of the worldwide network of magnetic observatories, undertakes fundamental Space Science research, maintains infrastructure required to monitor the near Earth space environment, and provides space weather and other applied science services.

**ELECTRONICS ENGINEER AT MARION ISLAND (CONTRACT POSITION) SALARY: R562 500 p.a (total cost to company)**

**The ideal candidate will have:** •At least a B Eng (Electronics Engineering) or equivalent •The ability to work and live with small groups of people is essential. •Competency in electronic maintenance, diagnostics and repairs with proven fault-finding capabilities; experience working with computers, especially with LINUX operating systems; experience in programming, especially in BASH and Python, would be an advantage

**Applicants will be expected to** •Design and build new equipment •Maintain and upgrade instrumentation. •Install, commission, maintain, calibrate and modify electronic instruments and systems for the collection, reduction and analysis of data. •Execute experiments related to Space Weather studies •Give core engineering support.

Candidates must be physically fit, have sober habits, be mentally strong and prepared for physically challenging and satisfying work.

Successful applicants will spend three months in Hermanus from **4 January 2021 – March 2021** for training, and then depart for Marion Island.

Although the base is well-equipped with e-mail, fax and satellite telephone facilities, the applicant has to be self-sufficient and self-motivated.

Appointment to these positions is subject to a rigorous medical examination, which will be arranged for at no cost to the applicants. No person may be declared fit if they have any history of stable angina, recent myocardial infarcts, insulin dependent diabetes mellitus, known psychiatric ailments or are on tuberculosis treatment.

Successful applicants will spend a full year (**April 2021 to May 2022**) at Marion Island.

More information on the island and human activities there can be found at: <http://www.sanap.ac.za>

Food, accommodation and protective clothing are provided by the South African Department of Environment, Forestry and Fisheries (Southern Oceans and Antarctic Support) while the applicant is at Marion Island

Background verification, including criminal record, credit checks, security clearances, qualification and citizenship checks, as well as competency assessment and psychometric testing, may form part of the selection process. SANSA subscribes to the principles of Employment Equity. Preference will be given to candidates in accordance with this.

**Should you meet the above requirements, please apply by logging into <https://jb.skillsmapafrica.com>**

**Closing date: 17 November 2020**

*Communication will only be conducted with short-listed candidates. If applicants have not heard from us within 4 weeks of the closing date, they must assume that their applications were unsuccessful.*