



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 Space Science is a Directorate of SANSA situated in Hermanus, Western Cape. It forms part of the worldwide network of magnetic observatories, monitors and models variations of the earth's magnetic field, and carries out physics research. This newly established entity has the following **contract** vacancy to be filled

ELECTRONICS ENGINEER AT ANTARCTICA (2 X CONTRACT POSITIONS)

- **The ideal candidate will have:** • B Eng (Electronics Engineering) with two years relevant experience or a MEng, MSc or Mtech;

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 Polar Space Weather studies • Give core engineering support.

Candidates must be physically fit and mentally strong and prepared for physically challenging and satisfying work.

Appointment to these positions is subject to a rigorous medical examination, which will be arranged for at no cost to the applicants. Successful applicants will spend five months in Hermanus from 1 June 2013 for training, and then more than a full year (Dec 2013 to Feb 2015) in Antarctica.

More information on the island and human activities there can be found at:

<http://www.sanap.ac.za>

Visit the blogs of the current engineers on the base at:

<http://jonsblog.co.za/>

<http://freezerdiaries.blogspot.com/>

<http://theantarcticexperience.blogspot.com/>

Food, accommodation and protective clothing are provided by the South African Department of Environmental Affairs (Southern Oceans and Antarctic Support) while the applicant is at Antarctica.

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

Should you meet the above requirements, please e-mail your detailed CV (indicating clearly the position you are interested in) to aengelbrecht@sansa.org.za and a covering letter summarising the reasons for applying to

Closing date: 28 September 2012

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.