



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

- APPLICATION:** Must be submitted on a Z83 form with a copy of a comprehensive CV, certified copies of qualifications and ID document in order to be considered, and forwarded for the Director-General, Department of Environmental Affairs, **Private Bag X4390, Cape Town, 8000 or hand-deliver to 14 Loop Street, Cape Town, Attention: Human Resources.** The National Department of Environmental Affairs is an equal opportunity, affirmative action employer. It is the applicant's responsibility to have foreign qualifications evaluated by the South African Qualification Authority (SAQA). Correspondence will be limited to successful candidates only. If you have not been contacted within three 3 months after the closing date of the advertisement, please accept that your application was unsuccessful. The Department reserves the right not to appoint.
- CLOSING DATE:** **29 APRIL 2016**
- POST:** **ELECTRONICS ENGINEER: ANTARCTICA X 2 POSTS (APPROXIMATELY 24 MONTHS CONTRACT) (OC12/2016)**
- SALARY:** **R 389 145. p.a (plus 37% lieu in benefits)**
- CENTRE:** **HERMANUS/ANTARCTICA**
- REQUIREMENTS:** A Degree in Electronics or Electrical Engineering, MEng, MSc or Mtech will be an added advantage . The incumbent should be competent in electronic maintenance, diagnostics and repairs with proven fault-finding capabilities; experience working with computers, especially with LINUX operating systems; competent in the use of general electronics test and measurement equipment (Oscilloscope, Spectrum Analyser, etc); and familiarity with the use of general workshop tools. The incumbent has to be able to work independently with minimal support under extreme pressure and without supervision. The incumbent must be computer literate, have good verbal and written communication skills and the ability to work in a team.
- DUTIES:** The successful candidates will be responsible for the operation, maintenance, fault-finding and repairs of all the equipment and experiments related to Space Weather research at SANAE IV base and will report to South African National Space Agency: Space Science Directorate. The incumbent will have to be involved in the design and implementation of new equipment as well as commission, maintain, calibrate and modify electronic instruments and systems, where necessary, for the collection, reduction and analysis of scientific data; give core engineering support; prepare monthly and annual reports, do stock-takes to order spares and equipment and do other common "non-technical" duties performed by expedition members.
- Applicants should be comfortable working at heights and will have to complete a Working at Heights course during the training period

**ENQUIRIES:**

Ms A Engelbrecht – **Telephone** (028) 312 1196

**NOTE:**

The successful candidate must be computer literate, have good verbal and written communication skills and the ability to work in a team. Successful applicants will spend five months in Hermanus from 1 June 2016 for training, and then more than a full year (Dec 2016 to Feb 2018) in Antarctica. *There is no option to return to South Africa before Feb 2018.* The ability to work and live with small groups of people is thus essential. Although the base is well-equipped with e-mail, fax and satellite telephone facilities, the applicant has to be self-sufficient and self-motivated. The location may affect both the physical and mental well-being of the incumbent, their family and close relationships. Candidates must be physically fit, mentally strong and prepared for physically challenging and satisfying work. In addition the successful candidates may often be called upon to work long hours in extreme conditions on duties unrelated to their function. Short-listed candidates will be subjected to screening and security vetting to determine their suitability for employment. Appointment to these positions is subject to a rigorous medical examination, which will be arranged for at no cost to the applicants.