



Control Scientific Technician Grade A: Physical Oceanography (OC61/2018)

Salary: R422 139 per annum (R538 115, all inclusive total package)

Centre: Cape Town

Requirements:

- An appropriate recognized National Diploma/Degree in Natural Sciences or Physical Oceanography or in Engineering or equivalent qualification, plus six (6) years relevant post-qualification experience;
- Compulsory registration with SACNASP as a certified Natural Scientist;
- Experience in management and supervision of staff;
- Extensive experience in small boat operations and specialized diving techniques and expertise in the development, repair and maintenance of scientific instrumentation, preferably ocean related instrumentation. A proven track record of relevant research and development output including human capital development;
- Proven technical expertise, strategic management and leadership abilities.

NOTE: The following would be an added advantage: Knowledge and experience in oceanographic instrumentation and research vessel scientific operations. The successful incumbent will be expected to pass a medical examination for seafarers (Act No.57 of 1951). Short-listed candidates may be required to undergo a theoretical and practical boat operation/swimming/ diving test.

Duties:

- Oversee and participate in the research, development, and maintenance of scientific equipment and instrumentation; maintain, develop and implement methodologies, systems and procedures related to ocean platforms, instrumentation, sensors, onboard electronic systems (power, data storage, processing, radio/cellular/satellite telemetry), hydro-acoustic modems;
- Coordinate and manage the collation, dissemination and management of oceanographic data produced from various fixed and moving platforms. Coordinate and supervise staff on small boats and diving operations;
- Undertake investigations, analyses and write reports into platform, sensor, and instrument performance, with corrective measures (e.g. effects of mooring

motion). Participate in research cruises and field trips for extended periods.
Develop skills, mentor and supervise staff and students;

- Participate in local, regional and international observation programs;
- Supervise research and development projects. Develop and maintain occupational health and safety (OHS) standards and standard operation procedure manuals.

Enquiries: Mthuthuzeli Gulekana, Tel: 021 819 5022 /

Jimmy Khanyile, Tel: 021 819 5007

Attention: Human Resource Management

Closing date: 24 December 2018

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- All applications must be submitted on a **Z83 application form** (*click bold underlined text to download PDF form*) accompanied by certified copies of qualifications, identity document (ID) as well as a comprehensive curriculum vitae (CV) and Driver's License in order to be considered.
 - 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.
 - People with Disabilities are encouraged to apply
 - Short-listed candidates will be subjected to screening and security vetting to determine their suitability for employment, including but not limited to: Criminal records; Citizenship status; Credit-worthiness; Previous employment (reference checks); and Qualification verification. Candidates shortlisted for the SMS post will be subjected to a technical exercise that intends to test relevant technical elements of the job.
 - Following the interview and the technical exercise, the Selection Panel will recommend candidates to attend a generic managerial competency assessment in compliance with the DPSA Directive on the implementation of competency based assessments.
 - Furthermore, the person appointed to this position will be subject to a security clearance, the signing of a performance agreement and an employment contract.
 - 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 make an appointment.
 - Relaxation of qualification requirements may be considered for non-OSD posts
 - **Applications must be forwarded to:** The Director-General: Department of Environmental Affairs, Private Bag X4390, Cape Town, 8000 or be hand-delivered to 14 Loop Street, Cape Town, 8000