



Control Engineering Technician Grade A: Mechanical (OC41/2018)

Salary R422 139 per annum (R569 375 total package per annum)

Centre: Cape Town

Requirements:

- A National Diploma or Degree in Mechanical Engineering or relevant comparable qualification, with a minimum of six years technical experience in related field. Compulsory registration with ECSA as an Engineering Technician;
- Knowledge and experience in mechanical installations and principles; technical design and analysis; computer-aided engineering applications and understanding of IT hardware;
- Must have good knowledge of: HR practice & procedures, administrative procedures, financial management, project management, research and development, legal compliance, Public Service and Departmental procedures and prescripts. Understanding of SANAP Program;
- Good interpersonal relations skills with ability to work individually and in team, work with diverse persons and to resolve conflict. Must be able to work long hours voluntarily and work under extreme pressure;
- Must be able to use initiative and have good networking skills; organising and planning skills; problem solving and analysis;
- Must be computer literate with good communication and report writing skills.

Duties:

- Manage technical services/integrity of facilities on the islands. Monitor and control the implementation of the maintenance policy;
- Troubleshoot and repair problems on the mechanical equipment and facilities;
- Ensure promotion of safety in line with statutory and regulatory requirements. Implement standard operating procedures for the safe and consistent operations of infrastructure;
- Ensure quality assurance of technical designs with specifications and authorize/make recommendations for approval by the relevant authority. Evaluate existing technical manuals, standard procedures to incorporate new technologies;
- Monitor and support the utilities in the SANAP program such as power generation, heating, ventilation, air-conditioning, water and waste systems;
- Monitor performance of various suppliers and contractors that are commissioned to perform supply and maintenance activities on SANAP infrastructure;
- Ensure preparation and participation on SANAP relief voyages;
- Ensure awareness of the SANAP program and invite potential participants to apply for the expedition. Plan and coordinate relief voyages, which include: meetings with all stakeholders liaise with all orders, keep track with appointments, issuing of permits, etc. Provide support to the over wintering technical team members at the SANAP basis. Manage vehicles, and mechanical infrastructure on the bases. Monitor and control the compliance of all lifting and handling equipment including the certification of all cranes;
- Monitor and control the proper and timely maintenance of Caterpillar vehicle fleet and snow mobiles. Assist with the availability of drivers and dozers for Antarctic operations;
- Manage administrative and related functions. Provide inputs into the budgeting process;

- Compile and submit reports/submissions as required. Provide inputs to the technical/engineering operational plan;
- Provide support on the development, implementation and maintenance of databases;
- Provide logistical support to facilitate the appointment of service providers to support the SANAP operations. Monitor the performance of Contractors and Service Providers to ensure adherence to SLA's or contractual obligations. Manage technical and related personnel and assets. Conduct research and development;
- Research/literature studies on technical engineering technology to improve expertise;
- Liaise with relevant bodies/councils on engineering-related matters. Keep track with various scientific projects at the research bases and ship-based research. Research and propose new technologies to improve performance and efficiencies.

Enquiries: Mr Willem Boshoff, Tel: (021) 405 9418

Closing Date: 16 July 2018

For Attention: Human Resource Management

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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) in order to be considered.
 - It is the applicant's responsibility to have foreign qualifications evaluated by the South African Qualification Authority (SAQA).
 - The Waste Bureau Affairs is an equal opportunity, affirmative action employer.
 - 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 hand-deliver to 14 Loop Street, Cape Town.** No faxed, e-mailed and late applications will be considered.