

## DEPARTMENT OF WATER AND SANITATION

**CLOSING DATE**  
**NOTE**

- : 09 June 2023
- : Interested applicants must submit their applications for employment to the address specified on each post. Applications must be submitted using the newly implemented Z83 form obtainable on the Department of Water and Sanitation's website, under career opportunities or the DPSA website, under vacancies in the Public Service (point 4) and should be accompanied by a comprehensive CV (with full particulars of the applicants' training, qualifications, competencies, knowledge & experience). All required information on the Z83 application form must be provided. Other related documentation such as copies of qualifications, identity document, drivers license etc need not to accompany the application when applying for a post as such documentation must only be produced by shortlisted candidates during the interview date in line with DPSA circular 19 of 2022. With reference to applicants bearing professional or occupational registration, fields provided in Part B of the Z83 must be completed as these fields are regarded as compulsory and such details must also be included in the applicants CV. For posts requiring a drivers license, annotate such details on CV. Failure to complete or disclose all required information will automatically disqualify the applicant. No late applications will be accepted. A SAQA evaluation certificate must accompany foreign qualification/s (only when shortlisted). Applications that do not comply with the above-mentioned requirements will not be considered. All shortlisted candidates pertaining to Senior Management Services (SMS) posts will be subjected to a technical and competency assessment and a pre-entry certificate obtained from the National School of Government is required prior to the appointment. (Individuals who have completed the course already, and who are therefore in possession of a certificate are welcome to submit such, however, it is not required that an applicant submit such when applying for the post prior to the closing date. The link for the completion of the course for the certificate for the pre-entry into SMS can be found on <http://www.thensg.gov.za/training-course/sms-pre-entry-programme/>. Candidates will be required to complete a financial disclosure form and undergo a security clearance. Foreigners or dual citizenship holders must provide a police clearance certificate from country of origin (only when shortlisted). The Department of Water Sanitation is an equal opportunity employer. In the filling of vacant posts, the objectives of section 195 (1) (i) of the Constitution of South Africa, 1996 (Act No: 108 of 1996) the Employment Equity Act, 1998 (Act No: 55 of 1998) and relevant Human Resources policies of the Department will be taken into consideration. Correspondence will be limited to short-listed candidates only. If you do not hear from us within three (3) months of this advertisement, please accept that your application has been unsuccessful. Faxed or emailed applications will not be considered. The department reserves the right not to fill these positions. Women and persons with disabilities are encouraged to apply and preference will be given to the EE Targets.

**OTHER POSTS****POST 18/100**

- : **CERTIFICATED ENGINEER REF NO: 090623/01**  
Branch: Infrastructure Management: Operations Southern  
CD: Water Resources Infrastructure Operations and Maintenance  
SD Mechanical/Electrical Support

**SALARY**  
**CENTRE**  
**REQUIREMENTS**

- : R958 824 per annum (Level 12), (all-inclusive salary package)
- : Gqeberha (Port Elizabeth)
- : A National Diploma or Btech in Mechanical or Electrical; or Degree in Mechanical or Electrical fields plus Government Certificate of Competency (Factories). Three (3) years' experience in the application of General Machinery Regulations. The disclosure of a valid drivers license. Proven experience and skills in project management. Engineering design and analysis knowledge. Experienced in computer-aided engineering applications. Knowledge of applicable legislation. Technical report writing skills. Proven skills to create high performance culture. Engineering and professional judgment. People management and negotiation skills.

- DUTIES** : Ensure compliance with the OHS act and its Regulations. Ensure safe installations. Ensure appropriate safe environment including appropriate safety equipment. Instruct remedial measures. Ensure implementation of remedial measures. Plan, design, and lead engineering projects. Develop cost effective solutions according to standards. Evaluate existing technical manuals, standard drawings, and procedures to incorporate new technology. Evaluate tender specifications. Ensure through evaluation that planning and design is done according to sound engineering principles and norms and standards and code of practice or in the absence thereof, develop new standards. Continuous professional development to keep up with new technologies and procedures. Ensure knowledge generation and dissemination. Lead and liaise with relevant bodies/councils on engineering-related matters. Provide expert advice on OHS act and its Regulations. Ensure cost-effective, safe operations.
- ENQUIRIES APPLICATIONS** : Mr. P Barry Tel No: (041) 508 9705  
: Gqeberha(Port Elizabeth): WRIOM Southern Operations (Port Elizabeth/Gqeberha) Please forward your application quoting the relevant reference number to the Department of Water and Sanitation, P.O Box 5501, Walmer, Port Elizabeth, 6065 or Hand deliver at 50 Heugh Road, Lion Roars Office Park c/o 3<sup>rd</sup> Avenue and Heugh Road, Walmer.
- FOR ATTENTION** : Mr Jonkerman
- POST 18/101** : **CONTROL ENGINEERING TECHNOLOGIST GRADE A: CIVIL REF NO: 090623/02**  
Branch: Provincial Coordination and International Cooperation  
CD: Provincial Operations Gauteng
- SALARY CENTRE REQUIREMENTS** : R831 309 per annum, (all-inclusive OSD salary package)  
: Gauteng Provincial Office  
: A Bachelor of Technology (B Tech) in Engineering in the Engineering Technologist field. Six(6) years post qualification Engineering Technologist experience required. Compulsory registration with ECSA as a Professional Engineering Technologist. The disclosure of a valid drivers license. Proven knowledge and understanding of hydrological processes. Demonstration of good understanding and competence in all aspects of hydrometry. Project management. Technical design and analysis knowledge. Research and Development. Computer-aided engineering applications. Knowledge of legal compliance. Technical report writing. Technical consulting. Networking professional judgment. Problem solving and analysis. Decision making. Team leadership. Creativity. Change management. Financial management. Customer focus and responsiveness. Communication skills and computer Skills. Planning and organizing. People management skills. Willing to travel long distances and work away from home if and when needed. Must be prepared to undergo extensive in-house training at different locations.
- DUTIES** : Manage technological advisory services. Plan technological support to Engineers and associate professionals in the field. Ensure the adherence and promotion of safety standards in line with statutory and regulatory requirements. Solve broadly defend technological challenges through application of proven techniques and procedures. Develop, maintain and manage current technologies. Monitoring and Evaluation of technological designs. Evaluate and monitor existing technical manuals, standard drawings and procedures to incorporate new technology. Ensure quality assurance of technical designs with specifications and make recommendations for approval by the relevant authority. Identify and optimize technical solutions by applying engineering principles. Manage administrative and related functions. Provide inputs into the budgeting process. Compile and submit reports as required. Provide and consolidate inputs to the technological/ engineering operational plan. Ensure the development, implementation and maintenance databases. Research / literature studies on engineering technology to improve expertise. Liaise with relevant bodies/councils on engineering related matters. Research and development, continuous professional development to keep up with new technologies and procedures. Assist the manager in the Gauteng provincial operations in establishing an effective, efficient and accurate data and quality management system. Manage the day to day hydrometry investigations, quality of data, planning of data collection, processing of data, and calibration for the hydrological network within Gauteng provincial operations. Provide guidance, assistance, supervision and training of technical personnel in all aspects of hydrometry. Able to perform land surveying if and when needed for

calibration purposes. Apply commercial software and in-house computer software to achieve maximum efficiency in performing duties. Calibration of Gauging Weirs. Perform quality control tasks on processed time series data. Research on station history and updating of hydstra database. Data Dissemination. Provide leadership in terms of the planning, programming and execution of data collection, water samples, maintenance, near real time systems and data processing and archiving. Attending meetings, workshops and forums related to the sub directorate. Research new technology relevant to hydrological services. Co-ordinating Flow measurements using various flow techniques (Conventional current gauging and Acoustic Current Doppler Profilers), in particular during the high flow season. Auditing flow measurements performed by technical staff. Manage and supervise technological and related personnel and assets.

**ENQUIRIES** : Ms Mabe Nondumiso Tel No: (012) 392 1399  
**APPLICATIONS** : Gauteng Provincial Office: Please forward your application quoting the relevant reference number to the Department of Water and Sanitation, Private Bag X350, Pretoria, 0001 or hand deliver at 285 Bothongo Plaza East, Francis Baard Street, 15<sup>th</sup> Floor, Pretoria, 0001.

**FOR ATTENTION** : Daniel Masoga

**POST 18/102** : **CONTROL ENGINEERING TECHNICIAN GRADE A (CIVIL) REF NO: 090623/03**  
 Branch: Infrastructure Management: Operations Southern  
 CD: Water Resources Infrastructure Operations and Maintenance  
 Div: Engineering Support

**SALARY** : R499 275 per annum, (OSD)  
**CENTRE** : Gqeberha(Port Elizabeth)  
**REQUIREMENTS** : A National Diploma in Civil Engineering. Six (6) years post qualification technical Engineering experience. Compulsory registration with ECSA as a Professional Engineering Technician. The disclosure of a valid drivers license. Proven experience in infrastructure condition assessment, project management, design and analysis of water related infrastructure, preparation of procurement documentation and site supervision of construction works. Proven ability in computer aided design software with special emphasis on ability to work with Autodesk Revit. Problem solving and decision-making skills are be essential as well as the ability to work in multi-disciplinary teams. Willingness to work outside normal working hours and to travel extensively throughout the Eastern and Western Cape Provinces.

**DUTIES** : Manage technical services in conjunction with engineers, technologists, technicians and maintenance personnel. Ensure safety in terms of statutory and regulatory requirements. Evaluate existing technical manuals, standard drawings and procedures to incorporate new technology. Ensure quality of technical designs with specifications and authorize/make recommendations for approval by the relevant authority. Manage projects in terms of best practice and policy requirements. Undertake condition assessments of infrastructure and update the relevant databases and produce detailed reports on assessment results. Prioritise infrastructure rehabilitation projects based on condition assessments. Undertake analyses and designs of rehabilitation solutions. Produce the necessary design reports, drawings and specifications. Supervise rehabilitation work on site. Manage, supervise and control technical and related personnel and assets. Research studies on technical engineering technology to improve expertise, liaise with relevant bodies/councils on engineering related matters. Mentor candidate technicians. Lend support to strategic and business planning, financial management, human resource management and general office management of the section.

**ENQUIRIES** : Mr. G Daniell Tel No: (041) 508 9706  
**APPLICATIONS** : Gqeberha(Port Elizabeth): Please forward your application quoting the relevant reference number to the Department of Water and Sanitation, P.O. Box 5501, Walmer, Port Elizabeth 6065 or Hand deliver at 50 Heugh Road, Lion Roars Office Park c/o 3<sup>rd</sup> Avenue and Heugh Road, Walmer

**FOR ATTENTION** : Mr. MN Jonkerman

**POST 18/103** : **ENGINEERING TECHNICIAN PRODUCTION GRADE A-C REF NO: 090623/04**  
Branch: Provincial Coordination and International Cooperation  
CD: Provincial Operations Gauteng

**SALARY** : R353 013 – R531 117 per annum, (OSD), (Offer will be based on proven years of experience)

**CENTRE** : Boskop Area Office

**REQUIREMENTS** : A National Diploma in Civil Engineering. Three (3) years post qualification technical Engineering experience. Compulsory registration with ECSA as a Professional Engineering Technician. The disclosure of a valid drivers license. Good computer literacy and computer programming skills. Good communication skills verbal and written and negotiation skills. Experience in project management. Technical design of gauging weirs and analysing knowledge of hydrological data. Knowledge and experience in Computer-aided engineering applications. Technical report writing and technical consulting skills. Problem solving, analysis, decision making and team work skills. Creativity, financial management, customer focus and responsiveness skills. Good planning, organising and people management.

**DUTIES** : Stream Gauging using ADP and conventional stream gauging. Survey of gauging weirs using level. Survey of flood (rated) sections. Calibration of flow gauging stations. Inspection and Supervise maintenance of flow gauging stations. Maintenance of electronic data logging instruments. Supervision of personnel. Hydrological Data editing and processing. Management of hydrological data bank. Procurement of maintenance material / equipment. Travel extensively as and when required. Manage the collection of all forms of hydrological data within area of responsibility. Liaise with landowners for access. Must be prepared to work away from the office for extended periods of time.

**ENQUIRIES** : Mr Pieter Daniel De Villiers Tel No: 082 724 9457

**APPLICATIONS** : Hydrometry Office - Boskop Dam: Please forward your application quoting the relevant reference number to the Department of Water and Sanitation, Private Bag X08, Noordbrug, 2522 or hand deliver to Department of Water and Sanitation Office, Hydrometry Office- Boskop Dam. (On the R501 between Potchefstroom and Carletonville, 16 kilometers from Potchefstroom).

**FOR ATTENTION** : Mr. Adams Tel No: 018 298 9000