



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF WATER AND SANITATION
CLOSING DATE: 14 August 2023

NOTE: 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, driver's 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 driver's 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. 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 imperatives as defined by 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.

POST: CONTROL ENGINEERING TECHNOLOGIST GRADE A: CIVIL REF NO: 140823/02

(Re-advertisement applicants who previously applied are encouraged to re-apply)

BRANCH: PROVINCIAL COORDINATION AND INTERNATIONAL COOPERATION: CD: PROVINCIAL OPERATIONS GAUTENG

SALARY: R831 309 per annum (all-inclusive OSD salary package)

CENTRE: Gauteng Provincial Office

REQUIREMENTS: A Bachelor of Technology (B Tech) in Engineering or relevant qualification. Six (6) years post qualification Engineering Technologist experience required. Compulsory registration with ECSA as a Professional Engineering Technologist. The disclosure of a valid unexpired driver's license. Knowledge and understanding of hydrological processes. Demonstration of good understanding and competence in all aspects of hydrometry. Understanding of programme and project management. Technical design and analysis knowledge. Knowledge of research and development. Knowledge of computer-aided engineering applications and legal compliance. Technical report writing, technical consulting, networking professional judgment, problem solving and analysis. Decision making, team leadership, creativity, change management and financial management. Customer focus and responsiveness. Good communication skills (both verbal and written). Planning and organizing, and people, management skills. Willing to travel long distances and work away from home 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 defined 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. Ability to perform land surveying 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), during the high flow season. Auditing flow measurements performed by technical staff. Manage and supervise technological and related personnel and assets.

ENQUIRIES: Ms N Mabe Tel: 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, 15th Floor, Pretoria, 0001. For Attention: Daniel Masoga.