



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF WATER AND SANITATION
CLOSING DATE: 07 April 2026

NOTE: Interested applicants must submit their applications via the online link <https://erecruitment.dws.gov.za> 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 on the online Z83 must be completed as these fields are regarded as compulsory. Failure to complete or disclose all required information will automatically disqualify the applicant. No late applications will be accepted. Shortlisted candidates will be subjected to suitability checks (SAQA verification, reference checks criminal and credit checks). SAQA evaluation certificate must accompany foreign qualifications (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. All shortlisted candidates, including the SMS, shall undertake two pre-entry assessments. One will be a practical exercise to determine a candidate's suitability based on the post's technical and generic requirements and the other must be an integrity (ethical conduct) assessment. Candidates will be required to complete a financial disclosure form and undergo 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 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: ENGINEERING PRODUCTION GRADE A-C REF NO: 070426/03 (X2 POSTS)

(Re-advertisement, applicants who have previously applied must re-apply)

BRANCH: INFRASTRUCTURE MANAGEMENT: HEAD OFFICE DIR: INFRASTRUCTURE CAPACITY ANALYSIS
SD: GAUGING WEIRS

SALARY: R879 342 – R1 323 267 per annum (OSD) (Offer will be based on proven years of experience)

CENTRE: Pretoria Head Office

REQUIREMENTS: An Engineering Degree (B Eng/BSc Eng) in Civil Engineering. Three (3) years post-qualification engineering experience in water and civil engineering related to gauging structure/weirs design, construction management and safety of hydraulic structures required for a registered professional engineer. Compulsory registration with the Engineering Council of South Africa (ECSA) as a professional engineer. Excellent technical knowledge of current design standards, calibration procedures, and best practices applicable to hydraulic structures such as flood outlets and gauging weirs. Demonstrable experience in hydraulic and hydrological analyses, including the use of relevant engineering software and computer applications (being conversant in HEC-RAS, QGIS and CAD would be an added advantage). Knowledge of hydraulic structure modelling, dam safety principles, environmental legislation, and other applicable legal frameworks. Proven practical experience in the design of hydraulic structures (e.g., canals, dams, gauging weirs, retaining structures, floating/pile foundations) is essential. Strong skills in data management, analysis, and interpretation.

DUTIES: Perform engineering design and analysis work related to new and existing gauging weirs within the Directorate, ensuring appropriate, efficient, and cost-effective design solutions in accordance with national and international standards. Conduct quality control, construction monitoring, and on-site problem-solving during project implementation. Assist with the establishment and improvement of flow-gauging sites, including direct and indirect hydraulic calibration and verification of flow-measurement systems. Review, audit, and quality-assure engineering reports produced within the section. Provide professional technical advice and engineering support to internal directorates and external stakeholders. Keep up to date with developments in dam safety, water engineering, hydraulic modelling, flow measurement technologies, and applicable legislation, and contribute to the development or refinement of engineering policies and standards. Participate in inter-directorate engagements and maintain close liaison with hydrological teams at national and provincial levels. Support and perform activities related to high flood line determinations and spillway calibrations. Mentor and train junior engineers, engineering technologists, and technicians. Attend site visits, meetings, and undertake work across the country, which may involve extensive travel and irregular or extended working hours.

ENQUIRIES: Mrs AA Coetzee, Tel No: (012) 336 6938

APPLICATIONS: All applications to be submitted online on the following link: <https://erecruitment.dws.gov.za/>