



## water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

### DEPARTMENT OF WATER AND SANITATION

CLOSING DATE: **17 March 2025 16:00**

Note: Interested applicants must submit their applications for employment to the address or email address specified on each post (all documents must be submitted in **one** in PDF attachment/s, **size not exceeding 10mb**) Subject title on the email must indicate the **reference number** of the post. Applicants should forward applications to the correct email address of the post as incorrect emailed applications will not be considered. Applications must be submitted using the newly implemented Z83 form obtainable on the Department of Water and Sanitation 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, 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. 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. 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. 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. The successful candidates will be appointed on Specialist Contract in terms of section 76 of the National Water Act, Act 36 of 1998.

POST: PRINCIPAL INDUSTRIAL TECHNICIAN X1(SPECIALIST CONTRACT)

REF: 17032025/S24

CHIEF DIRECTORATE: CONSTRUCTION MANAGEMENT

SALARY: R 444 036.00 per annum (Level 9)

CENTRE: Construction South (Clanwilliam)

REQUIREMENTS: Relevant National Diploma/Degree in civil engineering plus four (4) years appropriate experience in material laboratory. Knowledge of relevant computer software packages. Knowledge of OHS/ Construction Regulations. Knowledge of Environmental Regulations. Knowledge of Quality Management. Must have good communication skills. Technical Report Writing skills. Must be able to work independently and as part of a team. Must be willing to work irregular hours. Must be trustworthy and honest. Ability to take responsibility. Must have good interpersonal relations. The disclosure of a valid unexpired driver's license.

DUTIES: Incumbent will be responsible for ample Preparation and Testing · Perform and supervise tests on concrete samples, including, Slump tests, Compressive strength tests, Aggregate testing (gradation, moisture content, specific gravity, etc.) Workability and consistency tests, conduct tests on constituent materials, such as cement, aggregates, and admixtures, to determine their suitability for use in concrete mixes. Data Recording and Analysis · Record test results accurately and maintain detailed logs of tests performed. Analyse data to determine the quality and properties of concrete samples. Identify any deviations from standard specifications and report inconsistencies. · Prepare test reports summarizing findings and providing relevant information to engineers and supervisors. Quality Control and Compliance, ensure that all tests and sampling procedures are performed in compliance with relevant standards (such as British standards and or SANS). Monitor and control the quality of concrete produced on-site by conducting regular tests. Work closely with project managers, engineers, and contractors to ensure the quality of concrete meets project specifications and standards. Mix Design Development, assist in developing concrete mix designs by conducting trials and testing different ratios of cement, aggregate, water, and admixtures. Work with engineers to optimize mix designs to meet project requirements, ensuring that the concrete achieves the desired strength, durability, and workability. Field Testing and Inspections, conduct on-site tests and inspections of concrete being poured at construction sites. Ensure that concrete delivery and placement procedures follow industry best practices and project specifications. Monitor curing conditions to ensure proper development of concrete strength. Documentation and Reporting, Prepare and maintain accurate records of all tests, results, and observations. Generate comprehensive reports on the quality of concrete and materials for review by project stakeholders. Document issues and discrepancies related to concrete quality and suggest corrective actions when necessary. Communication and Collaboration, collaborate with engineers, supervisors,

and contractors to provide feedback on concrete quality. Assist in training other team members or workers on concrete testing procedures, as needed. Communicate effectively to address any concerns about concrete quality and propose solution

ENQUIRIES: Mr NJ Meyer      Tel No: (021) 872 0591

APPLICATIONS: Paarl (Construction South): Department of Water and Sanitation, Private Bag X3042, Paarl, 7646 or emailed to [RecruitmentCSouth@dws.gov.za](mailto:RecruitmentCSouth@dws.gov.za)

FOR ATTENTION: Mr. NJ Meyer