
DIRECTORATE
ENERGY

Professional Officer

DEPARTMENT

Electricity Generation and
Distribution

SALARY

R558 042 per annum T12

REFERENCE NUMBER

NRG 111/26

CLOSING DATE

11.09.2026

ELIGIBILITY

Suitably Qualified
Candidates

Requirements

- B-Eng or B-Sc Degree in Electrical Engineering or B-Tech degree in Electrical Engineering
- ECSA registered as a Candidate Professional Engineer or Candidate Professional Engineering Technologist
- Minimum of 3-5 years post graduate technical experience with exposure to electrical distribution equipment and electrical distribution infrastructure.
- Emphasis and knowledge relating to MV distribution switchgear, transformers, miniature substations, substation ancillary equipment, MV underground cable, LV cable & wires, LV distribution equipment and overhead standards.
- Basic knowledge of power system engineering and related disciplines and of the theoretical and practical aspects of electrical distribution equipment and technologies and of related standards.
- Valid code B driver's licence.
- A high degree of computer literacy.

Skills required:

- Basic project management skills.
- Basic knowledge of safety legislation and practice.
- Good communication and negotiation skills.
- Good report writing skills.
- Basic financial analysis expertise.
- Good problem-solving skills.

Special conditions may include:

- Required to work in all weather conditions.
- Required to work outside normal working hours as demanded by the exigencies of the service.
- Required to use own transport for which an appropriate transport allowance will be payable.

Key Performance Areas

- Research, introduce, and apply new technologies and standards for electricity distribution equipment.
- Assess equipment needs, evaluate design options, and support integration with operational teams and contractors.



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Making progress possible. Together.

- Liaise with suppliers and industry groups to maintain best practice and stay aligned with emerging trends.
 - Conduct technical research and assist in preparing drawings and detailed tender specifications for distribution equipment, serving on Bid Specification Committees.
 - Assist in evaluating technical documents, drawings, test certifications, and tender merit for distribution equipment and prepare clarification letters.
 - Assist in managing equipment tenders and contracts by coordinating technical requirements, approving drawings before manufacture, liaising with manufacturers, monitoring delivery schedules, ensuring quality and compliance, and chairing monthly contract meetings.
 - Assist with factory acceptance testing by managing inspections, witnessing tests, coordinating quality-assurance consultants, issuing release certificates, and maintaining formal test and inspection records.
 - Assist in monitoring electricity distribution equipment performance and provide technical support to ensure safe, reliable operation that meets user requirements.
 - Conduct technical investigations into electricity distribution equipment failures, faults, malfunctions, and vandalism by assessing causes, liaising with Protection, System Control, SCADA, suppliers, and manufacturers, and implementing specification changes to ensure safe, reliable performance and prevent future issues.
- Coordinate and arrange electricity distribution equipment training programs, working with the Electricity Training Centre and contractors to ensure staff understand installation, operation, and maintenance of new equipment

How to Apply

By submitting your application for a position at the City of Cape Town, you are consenting to the use of your personal information provided as part of your application and/or Recruitment process for Recruitment and Selection purposes. In addition, you may be required to undergo, including but not limited to, Criminal and Security Checks, Personal Verification, and Lifestyle Audits, throughout your recruitment process and/or subsequent employment.

External candidates: APPLY ONLINE VIA
www.capetown.gov.za/careers
 Internal staff: APPLY ONLINE VIA SAP PORTAL



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Certified copies of qualifications must be available on request.
Applicants are respectfully informed that, if no notification of
Appointment is received within three months of the closing date,
They must accept that their applications were unsuccessful.



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