

Senior Electrical Engineer

Date Posted: 18 August 2026

Location: Midrand

Closing Date: 31 August 2026

EDUCATION & EXPERIENCE

- ^ BTech / BEng / BSc in Electrical Engineering.
- ^ Professional Registration with ECSA (PR.ENG) preferred.
- ^ Minimum 7–10 years relevant electrical engineering experience.
- ^ Proven High Voltage (HV) experience, including: HV substations, Transmission & distribution networks, HV reticulation, Switching stations and protection systems.
- ^ Experience working on projects from design through construction and commissioning.
- ^ Strong exposure to construction and sitebased engineering environments.
- ^ Experience within industrial, infrastructure, energy, mining, or renewable sectors (advantageous).

COMPETENCIES

- ^ Strong knowledge of HV systems, protection, earthing, and compliance standards.
- ^ Excellent analytical and problemsolving skills.
- ^ Ability to manage multiple workstreams and work independently.
- ^ Strong communication and stakeholder management skills.
- ^ High attention to detail and strong technical documentation ability.
- ^ Ability to work under pressure and meet project deadlines.

MAIN OBJECTIVES

- ^ Lead and execute HV electrical engineering design for projects involving substations, HV reticulation, transmission and distribution systems.
- ^ Prepare, review, and approve HV designs, drawings, calculations, specifications, and technical documentation.
- ^ Ensure compliance with Eskom standards, South African Grid Code, NRS, IEC, SANS, OHSA, and other applicable regulations.
- ^ Provide technical leadership and mentoring to junior engineers and technicians.
- ^ Interface with clients, contractors, Eskom, consultants, suppliers, and internal multidisciplinary teams.
- ^ Support tender evaluations, feasibility studies, technical assessments, and cost estimates.
- ^ Provide site engineering support, including inspections, testing, commissioning, and handover.
- ^ Identify technical risks and implement safe, practical, and costeffective HV solutions.
- ^ Ensure all work adheres to safety, quality, programme, and budget requirements.
- ^ Contribute to continuous improvement, engineering best practice, and innovation.

To apply please forward your CV to work@aurex.com

Company Information

At Aurex we value the dynamic element of diversity and embrace the different perspectives everyone brings to the business. We appreciate the authenticity that each individual contributes as we create an inclusive working environment where everyone brings their whole selves to work every day. As we strive to be an employer of choice, we ensure that our employees are fairly treated. We promote physical and mental health for everyone. At Aurex, our people matter.

In terms of our Employment Equity policy, preference will be given to applicants who are disabled or from a previously disadvantaged background. If you have not heard from us within 30 days of your application, please regard your application as having been unsuccessful.

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