



# Power Plant Electrical Technologies cc

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## Electrical Systems Senior Technician

The incumbent will be responsible as Senior Systems Technician to grow and develop Junior employees and have good Planning, Leading, Organising and Control skills in the field of Power System Protection, design, testing and commissioning. In this position you will report to the Engineering Manager – Electrical Systems.

### Outline of Job Responsibilities

- Liaise directly with Customer for quotations, orders, small and medium projects and shutdown maintenance activities,
- Maintaining a good relationship with the customers representatives at all times,
- Develop quotations for engineering services, engineering work and projects, and support the tendering process of other departments with respect to Engineering work.
- Designs, Specifications, Project supervision and management of small to medium construction projects.
- Technical problem solving, fault finding and periodic standby duties.
- Specify, design, program, install, commission and maintain electrical equipment on customer sites including metering equipment, protection equipment and electrical reticulation equipment.
- You will be required to work on Protection relays, instrumentation and control equipment and will be required to use your own initiative and undertake self study and research to become competent in a wide field of electrical and control engineering.
- Complete technical surveys and studies on electrical, control and instrumentation systems. This will include load profile assessments, quality of supply assessments, load flow studies, fault level studies and associated report documents and grading reports.
- Support and take the lead on technical and engineering projects.
- The development and mentoring of Technicians and Trainees
- Responsible for continuous development of products and services
- Interface with workshop and project departments when required
- Development and take ownership of protection relay testing and commissioning procedures
- Support and take the lead on electrical systems project, commissioning and maintenance activities
- Enforce the policies and procedures of the company and maintain a high level of work ethic, quality and discipline with the work force.
- Support the company strategic plan, including the development and maintenance of sales Budgets and expenses ensuring an efficient and profitable business unit

### Candidate Requirements

Preferably T4 National Higher Diploma Electrical Engineering Heavy Current

8 year's experience in a large Industry environment

Exposure to heavy Industrial environment and heavy Industrial electrical machinery and a high level of technical Competence and understanding of such equipment.