

Time for change? We are hiring



PRODUCT DEVELOPMENT ENGINEER – DESIGN / TEST (ELECTRICAL / ELECTRONICS) Engineering Division

This position reports to the: **Product Development Manager**

The Purpose

The work and responsibilities associated with the position may involve inter alia the various engineering disciplines employed in the design, development and testing of electrical protection products, i.e. circuit breakers, earth leakage products as well as metering products.

Main Responsibilities

The main duties include *inter alia* the following:

- Specify, design, develop and evaluate electrical / electronic products, subsystems or components.
- Assist in the design, development and/or evaluation of customer applications.
- Participate in failure diagnostics processes as required for customer and product support.
- Specify and evaluate the electrical attributes of electrical protection products (circuit breakers, earth leakage, surge protection) and energy metering products, their subsystems and components.
- Design or assist in the upgrading of existing electrical test equipment or systems and/or the design of new test equipment.
- Detailed analysis of test results and where necessary failure analysis to initiate corrective actions.
- Applying best practice methods and procedures for testing electro-mechanical components or sub-systems.
- General understanding of the manufacturing and production processes.
- Establish best methods, practices and processes required to achieve the required reproducibility and repeatability in manufacturing CBI products.

Qualifications and Skills Requirements:

The suitable candidate must have at least the following qualifications, skills and experience:

- B Eng (Electrical / Electronic) or better.
- Ideally the incumbent should have 3 year experience in a similar product development/test disciplines.
- Thorough knowledge and understanding of product/test system development procedures and methodologies

And have the ability to:

- Work independently or in a team
- Develop or support software / firmware in one or more of the popular software languages, i.e. Labview.

And an advantage will be:

- Knowledge in the safe use of electrical and/or electronic protection systems
- Familiar with the principles and discipline of baseline and project management