

## Utilities Engineer - Electrical Services

Limpopo

### For consideration you need to be:

EE candidate with 8-10 years working experience

### Job Description

As the Utilities Engineer, you will ensure the organisation Safety, Health and Environmental management programmes are implemented according to the statutory legislation and strategic maintenance policies. You will also be expected to identify the preparation and implementation of policies and procedures as well as the overseeing and coordinating of electrical engineering activities safely, efficiently and cost effectively.

### Qualification

- Bachelor's Degree in Electrical Engineering
- Government Certificate of Competence

### Additional Information

- Knowledge of the Engineering Standards
- Knowledge of Micom protection relays and Studio Software
- Ability of electrical rotating machinery, selecting and fault finding
- Ability of automisation, switchgear, and distribution
- Knowledge in water abstraction supply and distribution

### More of your responsibilities will include:

- Ensure that work is performed to 'Zero Tolerance' principles to prevent harm to persons, damage to machinery and equipment
- Assist with the stabilization and optimisation of machinery performance and reliability
- Instill a culture of technical excellence and facilitate the roll out of best practices at the operations
- Managing the utilisation of financial resources to optimise engineering availability and the life cycle management of equipment
- Interpreting the organisational requirements for the section, to compile and develop a risk log with appropriate mitigation solutions that align with the strategic business plans
- Contributing to the continuous improvement and asset optimisation initiatives for the engineering processes as well as contractor management
- Implementing the asset management planned execution for utilities and electrical sections and coordinating the development management and enhancement of maintenance plans
- Implementing critical plant and Equipment strategies / tactics are delivering to the defined availability, reliability and cost / operated hour within the lifecycle model and production plan
- Data Warehousing, with in-depth knowledge of dimensional modelling
- Developing of appropriate engineering maintenance and project systems as well as identifying practice, specifications, and standards for discipline to ensure integrated practices according to organisational needs and objectives
- Interpreting operational and mining risks, ensuring electrical equipment maintenance strategies are operationalized into effective work packages and tactics
- Ensuring all work is planned, scheduled, executed and monitored according to all legal appointments and statutory requirements
- Provide technical input and support into accident and incident analysis
- Mentoring, assisting and guiding subordinates to enable them to execute their duties to the best of their abilities, and to improve upon their technical competencies
- Ensure that all projects comply with company guidelines, and are technically correct with regards to design, operability, optimal functionality and maintainability. Interface directly

with Capital and Stay-In-Business projects departments to enforce compliance to standards, specifications and procedures

- Focus on and promote culture of “Zero Failure” via the application of predictive maintenance methodology utilising suitable technology and tools for predictive determination and decisions
- Identify cost saving and optimisation opportunities
- To participate in technical audits and other assessments to identify shortcomings or opportunities
- In the capacity of “execution master”, establish and nurture sound and professional relationships with consultants, internal departments & project teams, service providers and suppliers. Utilise these relationships to secure second line support to the Operations as and when required
- Assist the site team to ensure all safety devices and facilities are operational and correctly used
- As a Technical Expert,
  - Provide a high technical expertise
  - Perform analysis of complex technical problems
  - Resolve and troubleshoot equipment and plant related problems
  - Install, configure, test and run technical issues and processes
  - Participate in and support cross functional teams
  - Identify, verify and isolate problems, work to resolve problems
  - Research and validate technical support issues
  - Provide technical recommendations for improvements
  - Provide quality technical services to internal and external clients
  - Assist with the development of appropriate maintenance strategies for individual equipment
  - Assist with the development and entrench maintenance programs for primary production equipment
  - Assist with the development of an analysis and improvement program based on maintenance history
  - Gives direct input in the engineering training strategy for the operation
  - Assist with the development the maintenance material management strategy and documents critical spares holding specific to the discipline
- As a Technical Manager,
  - Assist with the management of department cash flows ensuring alignment to budget plans and forecasts
  - Assist with the development of innovative and easy-to-understand training logistics and tools
  - Must understand and support the overall business principles
  - Must demonstrate appropriate management skills
  - Oversight of adequate resources within discipline

Interested candidates should forward their CVs to [info@phandapersonnel.co.za](mailto:info@phandapersonnel.co.za) on or before the **15 December 2021**.

Candidates who have not received any feedback from us after 6 weeks of the closing date must consider your application unsuccessful.