

# Shaping the future

## Specialist: Electrical Engineering

Reporting to the manager Engineering & Projects, the successful candidate will be responsible to provide electrical engineering governance within Rössing Uranium to ensure that electrical infrastructure is safe to operate and maintained optimally to ensure security of supply to all areas. This role is responsible to provide specialist support on maintenance tactics, replacement capital, asset replacement plans, change management and continuous improvement tactics to ensure electrical infrastructure asset integrity and reliability in accordance with statutory requirements across the business.

### Key performance areas

- Develop and maintain governance support structures in relation to all the electrical teams within Rössing in order to ensure all electrical assets are constructed and maintained effectively to ensure a safe operating environment for operational teams;
- Ensure that electrical standards are up to-date and implemented for the safe operating of electrical equipment;
- Develop and maintain engineering governance structures and systems for all electrical, electronic and control systems across site in order for maintenance teams to effectively maintain these systems and ultimately for the operational teams to effectively utilise these systems;
- Provide engineering expertise for electrical infrastructure maintenance, modifications, projects and improvements across site;
- Provide engineering expertise for site-wide electronic control and monitoring systems like plant control systems, access control infrastructure, camera monitoring systems and radio communications systems;
- Regular monitoring, evaluation and analysis of energy demand and consumption patterns in order to advise the business to optimise energy consumption;
- Liaise with statutory and other authority representatives as required to ensure compliance with relevant statutory and legislative provisions

- Provide strategic leadership and direction to electrical engineers across site to ensure effective development of engineers and engineering capacity;
- Ensure replacement strategies are developed and up-to-date for electrical infrastructure and justify budget for replacement and improvement capital pertaining electrical infrastructure.

### Minimum qualifications

- Grade 12 and a recognised bachelor's degree (BSc; BEng; BTech) in Electrical or Electronic Engineering;
- Minimum of five years' post graduate working experience in designing, maintaining and improving of electrical/control/instrumentation and electronic engineering infrastructure;
- Experience in managing teams at supervisory level for a minimum of three years, or three years' experience in managing multidisciplinary contractors;
- Registration as a professional engineer with the local or other recognised Engineering Council, for a minimum period of three years is an added advantage;
- Formal training on project management, asset management, plant control systems, electrical network protection systems or energy efficiency will be an added advantage;
- Proficiency in AutoCAD drawing software;
- Proficiency in electrical network modelling tools such as Dig Silent or other;
- Proficiency in the use of Microsoft Office (Excel, Word, Project, PowerPoint) and SAP;
- Code BE (08) driver's licence.

### To apply

Please go to the following website: [www.riotinto.com/careers/](http://www.riotinto.com/careers/) and search for Specialist: Electrical Engineering

**Application closing date – 12 October 2018**