Position Description

Vacancy Title: **Power Generation Electrical Technician**
Location: **Nauru**
Reports To: **None**

Objective

The Power Generation Electrical Technician was accountable for supporting the safe, reliable and timely operation of power generation plant through electrical inspection, planned maintenance, testing, fault-finding, repair, commissioning and accurate work records.

Outcomes

Organisational Stakeholders

1. Power generation electrical systems maintained in a safe and serviceable condition

- Completing scheduled inspections and preventive maintenance on generator electrical systems, switchboards, control panels, starters, motors, batteries, chargers, protection equipment and related auxiliaries.
- Checking equipment condition against manuals, drawings, maintenance schedules and approved work instructions.
- Identifying wear, damage, overheating, loose connections, insulation defects and other emerging risks before failure occurred.
- Returning equipment to service only after required checks had been completed and recorded.

2. Electrical faults and breakdowns diagnosed and resolved promptly

- Using approved test equipment and systematic fault-finding methods to identify the cause of electrical failures.
- Repairing or replacing defective components within the limits of licence, training and authorisation.
- Escalating complex, high-risk or recurring faults to the supervisor with clear technical information.
- Supporting breakdown response priorities to reduce avoidable generation downtime.

3. Electrical isolation, testing and commissioning work meet safety requirements

- Following approved permits, isolation, lockout and tagout procedures before electrical work began.
- Verifying de-energisation and applying electrical test procedures within the scope of authorisation.
- Supporting installation, commissioning and functional testing of electrical equipment and controls.
- Stopping work and escalating conditions that created an immediate safety or operational risk.

4. Maintenance records and technical information remain accurate and current

- Completing job cards, inspection records, test results and maintenance notes at the end of each assignment.
- Recording parts used, defects found, corrective action taken and further work required.
- Updating computer-based maintenance records where NUC systems required this.
- Keeping manuals, drawings and test information available for future maintenance and audit review.

5. Electrical risks, recurring defects and parts requirements reported early

- Inspecting work areas and equipment for electrical, fire, mechanical and operational hazards.
- Reporting defects and deterioration that affected plant reliability, safety or compliance.
- Identifying critical spare parts, consumables and tools required for planned and breakdown work.
- Providing practical recommendations to reduce repeat faults and unplanned outages.

6. Operational priorities supported through effective collaboration

- Coordinating maintenance work with power generation operators, mechanical technicians, supervisors and contractors.
- Providing clear updates on equipment status, work progress, risks and expected restoration times.
- Sharing technical knowledge and supporting safe work practices across the maintenance function.
- Responding to roster, overtime, standby or emergency work requirements approved by NUC.

Responsibilities - Key Competencies

Competence	Description
Business	
Risk Management	Analyse and manage risk.
Systems and Procedures	Develop and/or apply procedures to assist the organisation achieve its goals.
Customer	
Quality Focus	Deliver quality.

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Competence	Description
People	
Problem Solving	Develop practical solutions to a situation.
Self-Management	Manage your priorities and objectives efficiently and effectively
Professional	
Technical Strength	Demonstrate knowledge of a specialist discipline.
Compliance	Comply with relevant laws and the policies and procedures of the organisation.
Operational	
Maintenance	Monitor and/or maintain equipment, plant or vehicles in sound operating order.
Health and Safety	Establish and maintain a safe and healthy work environment.

Qualifications

Qualification	Discipline	Notes
Preferred		
Other	Electrical Engineering or Electrical and Electronic Engineering	Relevant electrical trade certificate, diploma, licence, registration or equivalent qualification accepted for the work performed in Nauru.

Work Knowledge and Experience

Demonstrated electrical maintenance experience in power generation, utilities, heavy industry, marine, mining, manufacturing or a comparable operational environment.

Practical fault-finding and repair experience involving generator electrical systems, switchgear, control panels, motors, starters, batteries, chargers and protection or control systems.

Experience reading electrical drawings, manuals, maintenance schedules and safe work instructions.

Knowledge of workplace health and safety requirements, electrical isolation and permit processes in an operating plant.

Experience completing job cards, inspection records, test results and computer-based maintenance records.

Desirable -Power generation, industrial electrical or generator-control training. -High-voltage or low-voltage switching, isolation or access authorisation relevant to NUC plant. -First aid, fire safety, working at heights or other plant-safety certification. -Training in computer-based maintenance management systems.

Current driver licence, where required for company vehicle use.

Requirements

Other Required Statements

No other required statements found.

Interactions

Type	Interaction	Comments
Internal		
	Power Generation Supervisor or approved manager; power plant operators; mechanical technicians; other electrical personnel; Health and Safety; Stores and Procurement; Finance and Administration; senior management.	
External		
	Electrical contractors; generator and equipment service providers; suppliers; technical advisers; regulators or inspectors; training providers; emergency service personnel where required.	

Attributes

Behavioural Styles	
Detail oriented	Attends to the small elements of a task/activity, ensuring completeness and accuracy.
Resilient	Cope positively with stress and catastrophe. Bounces back from setbacks, mistakes or misfortunes.
Interpersonal Styles	
Team Oriented	Enjoys being with others as part of a group or team.
Thinking Styles	
Flexible/Adaptable	Readily accommodates changing circumstances, modifying own behaviour and/or views. Able to adjust easily to new conditions.

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Well organised	Controls tasks in a well thought out and critical manner.

How To Apply

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Contact for Enquiries

Contact Name: Elizabeth Cama

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Closing Date: 23 Aug 2026

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