



Position Description

Vacancy Title: **Power Generation Mechanical Technician**

Location: **Nauru**

Reports To: **None**

Objective

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

Outcomes

Organisational Stakeholders

1. Power generation mechanical plant maintained in a safe and serviceable condition

- Completing scheduled inspections and preventive maintenance on diesel engines, pumps, cooling systems, fuel and lubrication systems, compressors, valves, rotating equipment and related mechanical components.
- Checking plant condition against manuals, drawings, maintenance schedules and approved work instructions.
- Identifying leaks, vibration, overheating, wear, misalignment, abnormal noise and other emerging risks before failure occurred.
- Returning equipment to service only after required mechanical checks had been completed and recorded.

2. Mechanical faults and breakdowns diagnosed and resolved promptly

- Using systematic fault-finding methods to identify the cause of mechanical failures.
- Repairing, adjusting or replacing defective components within the limits of trade competence, 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. Mechanical installation, alignment and commissioning work meet safety and technical requirements

- Following approved permits, isolation, lockout and tagout procedures before mechanical work began.
- Supporting equipment removal, installation, alignment, testing and functional checks.
- Using lifting equipment, tools and measuring instruments within the scope of training and authorisation.
- 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, measurements 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, settings and service information available for future maintenance and audit review.

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

- Inspecting work areas and equipment for fuel, oil, pressure, heat, rotating equipment, lifting and other mechanical hazards.
- Reporting defects and deterioration that affected plant reliability, safety or compliance.
- Identifying critical spare parts, seals, bearings, filters, consumables and tools required for planned and breakdown work.
- Providing practical recommendations to reduce repeat faults, leaks and unplanned outages.

6. Operational priorities supported through effective collaboration

- Coordinating maintenance work with power generation operators, electrical 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.

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	Mechanical Engineering	Relevant trade certificate, diploma or equivalent qualification in mechanical fitting, diesel plant maintenance, mechanical engineering, power generation or a related field.

Work Knowledge and Experience

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

Practical fault-finding and repair experience involving diesel engines, pumps, cooling systems, fuel and lubrication systems, compressors, valves and rotating equipment.

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

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

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

Desirable -Diesel engine manufacturer, power generation or rotating-equipment training. -Rigging, lifting, welding, machining or alignment certification relevant to NUC plant. -First aid, fire safety, working at heights, confined-space or other plant-safety certification. -Training in computer-based maintenance management systems.

Requirements

Other Required Statements

No other required statements found.

Interactions

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

Attributes

Behavioural Styles

Accountable	Assumes full responsibility for own actions and identifies with the success or failure of own part of the overall work/goal.
Detail oriented	Attends to the small elements of a task/activity, ensuring completeness and accuracy.

Interpersonal Styles

Objective	Impartial and honest in dealings with others, eliminating own feelings and view to reach a balanced judgement.
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.

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

How To Apply

Contact for Enquiries

Contact Name: Elizabeth Cama

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Closing Date: 23 Aug 2026