

**JOB DESCRIPTION**

<b>Position Title</b>	Reliability Engineer		
<b>Position Number</b>	31540	<b>Location</b>	Channel Island, Darwin
<b>Designation</b>	Band 3 Professional		
<b>Reports To (Position Title)</b>	Asset Manager		
<b>Northern Territory Government</b>			
<b>Information for Applicants</b>	<b>Applications must be limited to a one-page summary sheet and an attached resume/cv.</b> For further information for applicants and example applications see: <a href="http://www.nt.gov.au/ocpe">http://www.nt.gov.au/ocpe</a>		
<b>Information about Selected Applicant's Merit</b>	If you accept this position, a summary of your merit (including work history, qualifications, experience, skills, etc.) will be provided to other applicants to enable transparency and understanding of the decision. For further information see: <a href="http://www.nt.gov.au/ocpe">http://www.nt.gov.au/ocpe</a>		
<b>Organisational Context</b>			
<p>Territory Generation is a Government Owned Corporation that was formed in 2014. We product approximately 1900GWh of electricity a year using gas, diesel and solar technologies to provide power to the people of the Northern Territory. Our vision is to be the Northern Territory's trusted and respected energy services business.</p> <p>Our actions, words and behaviours are guided by a core set of Values that form the foundation of everything we do. Our Values are <b>Focus, Integrity, Respect, Safety, Teamwork. "FIRST"</b></p> <p>We recognise that individually, our employees offer unique value and perspective and we are committed to a workplace that supports people from all backgrounds.</p>			
<b>Employee Responsibilities</b>			
You work as part of a team to safely and efficiently meet your agreed objectives which contribute to the shared vision for Territory Generation. You actively demonstrate the organisation's values and take accountability for your performance and behaviour. Key responsibilities include:			
Focus	<ul style="list-style-type: none"> <li>• Demonstrates an awareness of the Vision and objectives of the Corporation.</li> <li>• Develops individual objectives and, where requested by direct supervisor, adjusts priorities to the needs of the business.</li> <li>• Tracks own performance in line with objectives on a regular basis.</li> <li>• Actively participates in performance reviews and feedback processes.</li> <li>• Remain self-disciplined and calm under pressure.</li> </ul>		
Integrity	<ul style="list-style-type: none"> <li>• Demonstrate the organisation's values.</li> <li>• Conduct business in line with the values and high ethical standards – considers values in business interactions;</li> <li>• Ensures compliance with legal, governance and policy requirements;</li> <li>• Deliver on commitments – where commitments cannot be delivered on, communicates openly and honestly and sets new timelines for delivery.</li> </ul>		
Respect	<ul style="list-style-type: none"> <li>• Takes accountability and responsibility for own actions;</li> <li>• Readily shares knowledge and expertise with others;</li> <li>• Actively supports the team and organisational goals;</li> <li>• Treats change and new situations as opportunities for learning and growth.</li> </ul>		
Safety	<ul style="list-style-type: none"> <li>• Demonstrates safe working behaviours in order to achieve an incident free and safe workplace;</li> <li>• Develops personal safety objectives;</li> <li>• Challenges unsafe behaviours from team mates;</li> <li>• Monitors and takes ownership of own safety performance.</li> </ul>		
Teamwork	<ul style="list-style-type: none"> <li>• Helps team mates feel valued and included in discussions;</li> <li>• Places higher priority on team than individual goals;</li> <li>• Shares important or relevant information with team or other affected stakeholders in a timely manner;</li> <li>• Speaks positively of team mates and other employees;</li> <li>• Focuses on personal growth and addresses development gaps which will help the achievement of performance goals.</li> </ul>		

**Role Responsibilities**

You will undertake detailed analysis of power station systems to develop strategies and recommendations that will improve the reliability and performance of generation plant, systems and maintenance effectiveness.

Your accountabilities include:

1. Provide leadership and management to the Reliability and Performance Team.
2. Develop regular Reliability and Availability reports by collating and analysing data from the SCADA and Enterprise management systems.
3. Assess the condition of critical assets to aid development of preventative, predictive and corrective maintenance plans.
4. Interpret historic reliability and performance data and prepare business cases to be included in budget reviews.
5. Conduct regular Root Cause Analysis of components and system failures.
6. Continuously review historical downtime and maintenance records and develop recommendations for improved performance.
7. Develop and maintain equipment-specific condition monitoring strategies utilising techniques such as Vibration Analysis, Oil Analysis, Thermography, Ultrasonic Acoustics, Laser Alignment.
8. Develop preventive maintenance tasks and establish performance monitoring programs.
9. Carry out duties in accordance with Territory Generation's safety, environmental and quality policies, safety principles, corporate values and strategies.

**Selection Criteria**
**Essential**

1. Relevant degree or tertiary qualifications in engineering.
2. Demonstrated ability to supervise and lead a team to achieve the desired outcomes.
3. High level ability to analyse and interpret condition monitoring information to develop relevant solutions for reliability improvement plan, including but not limited to vibration monitoring and oil sampling. Advantageous to have VCAT-II and LCAT-II certification
4. Hands on experiences on working with Bentley Nevada vibration monitoring system
5. Advanced computer skills with experience in data collecting and reporting on master data using Enterprise Management/CMMS systems such as SAP, Pronto etc. for processing of system plant condition data.
6. Well developed organisational skills, with the ability to successfully meet competing deadlines.
7. Strong verbal and written communication skills, including the writing of technical reports, and the ability to relate well in an operationally diverse team environment and interact effectively with people of diverse cultures.
8. Sound knowledge of and experience in reliability and maintenance engineering in the Power Generation industry or similar including working knowledge of Maintenance methodologies such as RCM, FMECA, PMO and CBM.
9. Sound knowledge of and experience in turbines, reciprocating engines and other rotating equipment used in power generation.
10. Ability to carry out duties in accordance with Territory Generation's safety, environmental and quality policies and corporate values and strategies.

**Desirable**

Post graduate experience with the application of asset and reliability management skills.

**REVIEW / AUTHORISATION**

**HR Review:**

**Date**

**Manager Assets & Engineering:**

**Date**

**General Manager Assets & Operations:**

**Date**

**Pre-Employment medicals are a requirement for all Territory Generation positions**

**Apply online:** <https://jobs.nt.gov.au/Home/JobDetails?rtfId=205019>

**Closing Date: 28/01/2021**