

## Position Description – Condition Monitoring Technician Bluewaters Power Group



Position Details	
Entity	Bluewaters Power Services Pty Ltd
Position title	Condition Monitoring Technician
Office location	Collie
Reports to	Engineering Manager
Direct reports	Nil
Position Description Number	PDBWPS0065

### Position Objective

The Condition Monitoring Technician ensures that routine monitoring and analysis tasks are carried out effectively and accurately on critical rotating machinery in line with the company's vision and values, in order to increase the availability, reliability and life of the plant.

At times, the incumbent may be required to carry out duties that are within their skills, training and competence, and which may be incidental or peripheral to the substantive position, as directed by the manager.

All personnel are required to adhere to the Bluewaters Power Workplace Behaviour and Value Standards to ensure a positive, professional and respectful workplace.

### Responsibilities

- Manage, implement and improve vibration, lubrication and thermography based predictive maintenance programs including on-site data collection, analysis, and determination of recommendations for rotating equipment.
- Monitor, perform and improve the oil and grease maintenance routines across the site to maximize plant life and availability.
- Assist with developing Reliability Centered Maintenance (RCM) strategies and Failure Mode, Effects and Criticality Analysis (FMECA's).
- Identify opportunities to improve plant availability, reliability and performance.
- Assist with root cause analysis to determine the cause of equipment failure.
- Liaise with operations and asset engineering staff to identify and assist with resolving plant faults to maximise unit availability.
- Provide feedback on maintenance activities and plant condition to the Operations Coordinator Maintenance.
- Ensure all routines and plant checks are completed with appropriate documentation filed and recorded each day.
- Create and update documentation on a continuous basis (JSAs, Routines, Checklists, Spares, Procedures).
- Ensure all SAP routines are completed with all relevant documentation filed and recorded.
- Liaise with operations and engineering to provide assistance as required to solve plant problems or issues.
- Assist Operations Coordinator Maintenance to continually improve efficiency wherever possible.

### General

- Maintain knowledge of and ensure adherence to Bluewaters' standards, policies, procedures and rules
- Comply with Safety, Health and Environment (SHE) Management, Risk Management, Quality Assurance and systems and processes

- Identify and recommend methods to continually improve processes and resolve problems, including identifying and implementing cost saving initiatives within sphere of influence
- Travel and overnight stay may be required to other Bluewaters' affiliated companies

### Knowledge, Skills and Experience

- Hands-on experience of implementing predictive maintenance strategies, including vibration, lubrication analysis, thermography and other industry standard condition monitoring practices.
- Fully certified ISO VCAT1 as a minimum.
- TCAT / LCAT certification highly regarded.
- Recent experience in the power generation or heavy industry is highly desirable.
- Proficient in the latest data analytics tools and techniques, good working knowledge of a wide range of rotating and reciprocating equipment.
- Experience and knowledge of CMMS system, SAP experience highly regarded.
- Strong interpersonal, verbal and written skills
- Ability to work cooperatively and independently, whilst establishing positive relationships across the business
- Excellent organisational, and time management skills, with high attention to detail

### Divulging of Company Information

Bluewaters' requires that you will not, either during or after your employment, without written consent from the Board of Directors, divulge any Company information including their dealings, transactions or affairs, which may come to your knowledge during the course of your employment.

### Employee Acknowledgement

I have read, understand and accept this position description for the role of Condition Monitoring Technician with Bluewaters Power Services Pty Ltd, under the terms and conditions set out in this document.

Employee Name: \_\_\_\_\_

Employee Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Witness Name: \_\_\_\_\_

Witness Signature: \_\_\_\_\_

Date: \_\_\_\_\_