

JOB VACANCY

Reliability Engineer



At Clean TeQ, we empower innovation to become a leading supplier of clean energy solutions and reduce the world's environmental burden.

- **Be part of a major greenfield project**
- **Competitive Salary Package**
- **Collaborative and Creative work environment**

What's the opportunity?

Reporting to the General Manager - Operations, you will be responsible for developing and implementing analysis methods to determine reliability of components, assets and processes of Clean TeQ Sunrise's plant. You will analyse collected data to identify and investigate reliability problems and failure risks. You will also be responsible for developing action plans taking into consideration the cost and performance requirements. Working closely with the project engineering team, you will adjust design, predict and improve the reliability of the components, assets and processes to avoid failure while considering cost limitations and cost advantages of alternatives.

This includes:

- Collect and analyse reliability data using comprehensible engineering techniques, principles and procedures.
- Produce diagrams, charts, drawings, calculations and reports to make recommendations for improvements.
- Perform root cause failure analysis to help prevent failures.
- Develop action plans and implement strategies for improving asset reliability and maintenance execution considering cost limitations for equipment uptime/downtime, repair/replacement costs and weight, size and availability of materials/equipment.
- Determine impact of reliability actions and assess financial, social, environmental and the commercial risk of alternate courses of action.
- Assist in the design, planning, estimation, installation and commissioning of new or recommended plant changes to improve reliability and maximise plant output.
- Provide recommendations and technical support to the Project Engineering Team (including Operations and Maintenance teams).
- Develop workable reliability and maintainability solutions to complex and unique issues in a challenging environment characterised by conflicting priorities and financial and resource constraints.
- Guide efforts to run and own the RAM model.
- Develop innovative testing approaches.

What about you?

- Degree in Mechanical Engineering.
- Postgraduate degree in Reliability Engineering level 1 and 2.
- Minimum 5 years' experience as a Reliability Engineer or similar roles.
- Hydrochemical fixed plant background highly desirable.
- Experienced in delivering workstreams to the expected levels in a timely manner.
- Be a dynamic thinker.
- Real team player with the ability to work in a collaborative environment.
- Be able to liaise with all levels of the business.

What's next?

If it sounds like you, don't miss this opportunity and apply now by emailing recruitment@cleanteq.com. Please feel free to contact our friendly Recruitment Team at recruitment@cleanteq.com if you have any question.

As an equal opportunity employer, we encourage diversity and are committed to building an inclusive environment for all employees.