



POSITION DESCRIPTION

Position title:
Hazardous Area RPEQ Engineer

Reports to:
Electrical Team Leader

Employment type:
Full-time

Date:
July 2026

CIVIL ⚙️ STRUCTURAL ⚙️ MECHANICAL ⚙️ ELECTRICAL ⚙️ DESIGN + DRAFTING ⚙️ CONTROL SYSTEMS ⚙️ OPERATIONAL SUPPORT

waterlineprojects.com

POSITION DESCRIPTION

POSITION TITLE: HAZARDOUS AREA RPEQ ENGINEER	REPORTS TO: ELECTRICAL & IC ENGINEERING TEAM LEADER Or such other person/s as the company may nominate from time to time.
POSITION SUMMARY Your role is essential to Waterline's purpose of partnering with Australian industry to provide safe and sustainable resources to the world. You will use your technical engineering understanding and practical experience to make our Industry Partners more efficient, safe, and productive. You will work across the full asset lifecycle including studies, design, project execution, commissioning, operations, and decommissioning. Using your technical and practical knowledge, you will strive to ensure quality and purpose in all deliverables. In your role, you will engage directly with our clients to solve the technical challenges that occur within their operations across a variety of aspects of electrical engineering. You will work with them and the rest of the waterline team to define the project scope, develop the project budget, make decisions on how the project will be delivered technically including informing and getting buy-in from the client on your approach. You will then deliver the project with the support of intermediate and junior members of the team, to delight the client. As the 'Engineering Partner of Choice', we are required to, and our clients expect us to, travel to their sites to support, interact with and engage with their personnel at their 24/7 operations to assist them with completing audits, and providing operational and commissioning support. This means fitting in and accommodating our clients' work patterns, Health and Safety requirements and operational needs.	
POSITION DETAILS	<i>Description of duties and responsibilities</i>
ENGINEERING	• Identify when technical analysis methods and engineering software can be applied to solve our clients' problems • Develop, review, update and modify electrical designs including calculations, reports, and drawings • Ensure designs are compliant with Australian legislation, standards, client specifications, relevant international standards, and industry norms • Engineering services are to be completed to allocated budgets and timeframes, which is how you will help Waterline to deliver valuable commercial outcomes • Project-related activities, including cost estimation, scope development, schedule development, and liaison with engineers and project managers to help manage clients during project delivery • Involvement in small project-based teams of engineering professionals to ensure delivery of effective and commercially valuable structural engineering solutions, to deliver 'Value Driven Projects'

	• Effectively communicate your design decisions to Waterline internal stakeholders and clients • Assist in the development of inhouse engineering design aids / tools, standards, specifications and design criteria • Regular site visits to facilitate client's requirements and support WL Engineering compliance, audits, delivery, and commissioning. (FIFO rosters and extended periods on site) • Provide advice and support across the business relevant to your professional area
BUSINESS DEVELOPMENT	• Actively contribute to business growth by engaging in structured new business development activities, including: ○ Making initial contact with prospective clients to establish networks and generate leads ○ Participating in scheduled client calls, meetings, and site visits to identify opportunities and build relationships ○ Attending client briefings to understand project requirements and tailor Waterline's engineering solutions accordingly • Collaborate with your Electrical Team Leader and Growth & People function to identify, track, and convert qualified leads into tangible project opportunities • Develop and maintain strong relationships with existing clients by delivering high-quality service, maintaining regular contact, and identifying ways to add ongoing value • Support the scoping and estimating of engineering effort for new projects, ensuring alignment with client needs, technical feasibility, and commercial goals • Provide accurate and timely input into proposals, fee structures, and scope documentation • Conduct regular site visits as required to strengthen relationships, support client engagement, and uphold Waterline's reputation as a trusted engineering partner • Use insights gathered through client engagement to inform continuous improvement, innovation, and solution development within the electrical team
REPORTING	• Accurate and daily individual tracking of time, billables, goals and prioritisation using company provided tools • Participation in continuous improvement initiatives • Project closeout and post implementation review reports • Provide regular updates to Team Lead
<i>As well as any other tasks or duties for which you may have the skill, knowledge and/or training that is required of you, from time to time.</i>	

QUALIFICATION/S AND EXPERIENCE

ESSENTIAL QUALIFICATION/S

- **BACHELOR OF ENGINEERING (ELECTRICAL)**
- **RPEQ**

Essential Experience

- 5+ years of relevant experience in Electrical Engineering
- 2+ years' experience in Industry including working onsite (Including Mining, Energy, Chemicals, Oil & Gas)
- Strong experience in Hazardous area design and classification
- Demonstrated project engineering or project management skills
- Technical ability to manage and coordinate multiple stakeholders

Desirable Experience

- Knowledge of, or experience within the following areas is advantageous:
 - 6+ months working onsite
 - Hazardous Area design, auditing, or classification (particularly in coal mining)

ESSENTIAL COMPETENCIES (SKILLS & ATTRIBUTES)

- Demonstrated project engineering or project management skills including strong self-discipline and time management skills
- Key stakeholder management utilising effective communication skills
- Ability to deliver results under pressure
- Willingness to learn about our client's businesses and markets so you:
 - Understand our client's core business outcomes
 - Understand how to present Waterline Projects to our clients in a relevant context
- Flexible attitude to rapidly changing project requirements
- Pragmatic approach to client problems
- Demonstrate effective organisation, planning and attention to detail
- Excellent report writing and presentation skills
- Effective problem-solving capabilities
- Ability to interpret Standards, Legislation, Acts and Codes
- Ability to work both collaboratively and independently
- Appropriate handling of confidential information
- Good financial acumen
- Demonstrated skills in coaching and mentoring

ESSENTIAL BEHAVIOURS

Your behaviour must be consistent with Waterline’s values:



BE WATERLINE
PROUD



TAKE
ACTION



EMBRACE
OWNERSHIP



ARE ALWAYS
CURIOUS



KEEP IT
SIMPLE

KEY RELATIONSHIPS WITH

INTERNAL:

- Electrical & IC team
 - Team Lead
 - Peers
 - Designers
- Project Management Office
 - Job managers
- Other discipline teams
 - Colleagues on multi-discipline projects
- Growth & People team
- Finance team

EXTERNAL:

- Clients
- Partners
- Sub-consultants
- Suppliers