



CERTIFIED | EXPERIENCED | ENGINEERING



## POSITION DESCRIPTION

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**Position title:**  
Graduate Electrical Engineer

**Reports to:**  
Electrical Engineering Team Lead

**Employment type:**  
Full-time

**Date:**  
March 2023

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

[waterlineprojects.com](http://waterlineprojects.com)   



# POSITION DESCRIPTION

<b>POSITION TITLE:</b> <b>GRADUATE ELECTRICAL ENGINEER</b>	<b>REPORTS TO:</b> <b>ELECTRICAL ENGINEERING TEAM LEAD</b> Or such other person/s as the company may nominate from time to time.
<b>POSITION SUMMARY</b> <p>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.</p> <p>As 'Operational Engineers of Choice', we are required to, and our clients expect us to travel to their sites to support, interact and engage with their 24/7 operations including but not limited to audits, operational support, and commissioning. This means fitting in and accommodating our clients' work patterns, Health and Safety requirements and operational needs. This will provide an excellent opportunity to develop your business acumen, stake holder management and exposure to on site work as you establish your career with Waterline.</p>	
<b>POSITION DETAILS</b>	<i>Description of duties and responsibilities</i>
<b>ENGINEERING</b>	<ul style="list-style-type: none"><li>• Learn to identify when technical analysis methods and engineering software can be applied to solve our clients' problems</li><li>• Develop engineering solutions for clients to Waterline and Client standards under the supervision and guidance of more senior engineers within the business</li><li>• Develop the ability to deliver engineering services to be completed to allocated budgets and timeframes, which is how you will help Waterline to deliver valuable commercial outcomes</li><li>• Project-related activities, including cost estimation, scope development, schedule development, and liaison with engineers and project managers to help manage clients during project delivery</li><li>• Involvement in small project-based teams of engineering professionals to ensure delivery of effective and commercially valuable engineering solutions, to deliver 'Value Driven Projects'</li><li>• Begin to make and effectively communicate your design decisions to Waterline internal stakeholders and clients</li><li>• Assist in the development of inhouse engineering design aids/tools, standards, specifications and design criteria</li></ul>

	<ul style="list-style-type: none"> <li>Regular site visits to facilitate client's requirements and support WL Engineering compliance, audits, delivery, and commissioning (FIFO rosters and extended periods on site)</li> <li>Use opportunities to develop skills and learn from more experienced colleagues</li> </ul>
<b>BUSINESS DEVELOPMENT</b>	<ul style="list-style-type: none"> <li>Be a champion of the Waterline Purpose, Values and Brand</li> <li>Attending Client meetings and taking briefs to develop project scopes that meet client needs</li> <li>Meet with clients to determine project scope requirements and track project progress, to be able to realise true project benefits</li> <li>Develop and maintain client relationships by delivering excellent service and through site visits</li> <li>Engage with and support different teams across the business as you undertake strategic rotations through different teams</li> </ul>
<b>REPORTING</b>	<ul style="list-style-type: none"> <li>Accurate and daily individual tracking of time, billables, goals and prioritisation using company provided tools</li> <li>Participation in continuous improvement initiatives</li> <li>Project closeout and post implementation review reports</li> <li>Provide regular updates to Team Lead</li> </ul>

*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.*

### QUALIFICATION/S AND EXPERIENCE

<p><b>ESSENTIAL QUALIFICATION/S</b></p> <ul style="list-style-type: none"> <li><b>BACHELOR OF ENGINEERING (ELECTRICAL OR ELECTRONIC)- PENDING OR COMPLETE</b></li> </ul>	<p><b>Desirable Experience</b></p> <ul style="list-style-type: none"> <li>Any relevant experience in Electrical Engineering</li> <li>Knowledge of, or experience in project engineering or project management</li> <li>Effective time management with multiple deadlines</li> <li>Ability to manage and coordinate multiple stakeholders</li> <li>Knowledge of, or experience using, any of the following relevant software packages is an advantage             <ul style="list-style-type: none"> <li>Engineering Modelling, ie SKM PTW, PowerCAD or Safeearth</li> <li>Earthing and Lightning Protection Design</li> <li>AutoCAD</li> </ul> </li> <li>Exposure to Australian Industry (Including Mining, Energy, Chemicals, Oil &amp; Gas)</li> </ul>
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### ESSENTIAL COMPETENCIES (SKILLS & ATTRIBUTES)

- Project engineering or project management skills including strong self-discipline and time management skills
- Key stakeholder management utilising effective communication skills
- Willingness to learn about our clients' businesses and markets so you:
  - understand our clients' core business outcomes

- understand how to present Waterline to our clients in a relevant context
- 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
- High aptitude for learning and developing new skills, knowledge, and experience
- Actively seeks feedback from colleagues to aid their personal development
- Adaptability in transitioning across the multidisciplinary teams during strategic rotations

## ESSENTIAL BEHAVIOURS

Your behaviour must be consistent with Waterline’s values.

- **Driven—Approach with enthusiasm**
  - Strive to deliver quality results with enthusiasm
  - Honour your commitments
- **Authentic—What you see is what you get**
  - Be true to yourself and each other
- **Empathetic—Put yourself in their boots**
  - Appreciate the realities of being on site
  - Care about our clients, colleagues, and communities we live and work in
- **Supportive—Got your back**
  - Share the load for our collective success
  - Act as an extension to each other’s teams
  - Support each other in our work and personal lives

## KEY RELATIONSHIP WITH

- INTERNAL:**
- Electrical team
    - Team Lead
    - Peers
    - Designers
  - Operational support
    - Job managers
  - Other discipline teams
    - Colleagues on multi-discipline projects
  - Business Support
    - Finance
    - IT
    - Marketing and Communications
  - Strategic Growth
    - Strategic growth team members

- EXTERNAL:**
- Clients
  - Technical Specialists
  - Equipment Vendors