



CERTIFIED | EXPERIENCED | ENGINEERING



POSITION DESCRIPTION

Position title:
Graduate Structural Engineer

Reports to:
Civil & Structural Team Lead

Employment type:
Full-time

Date:
March 2023

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

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POSITION DESCRIPTION

POSITION TITLE: GRADUATE STRUCTURAL ENGINEER	REPORTS TO: CIVIL & STRUCTURAL ENGINEERING TEAM LEAD Or such other person/s as the company may nominate from time to time.
POSITION SUMMARY	
<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 personnel at their 24/7 operations, to deliver works that include but are 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 also give you a brilliant opportunity to develop your business acumen, stakeholder management and exposure to onsite work as you career grows with Waterline.</p>	
POSITION DETAILS	<i>Description of duties and responsibilities</i>
ENGINEERING	<ul style="list-style-type: none"> • Attempt to identify when technical analysis methods and engineering software can be applied to solve our clients’ problems • Develop the ability to deliver engineering services that are to be completed to allocated budgets and timeframes, which is how you will help Waterline 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 • Participate in small project-based teams of engineering professionals to ensure delivery of effective and commercially valuable structural engineering solutions, to deliver ‘Value Driven Projects’ • Begin to make and 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 • Site visits to facilitate clients’ 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

	<ul style="list-style-type: none"> • Use opportunities to develop skills and learn from the experience of colleagues
BUSINESS DEVELOPMENT	<ul style="list-style-type: none"> • Be a champion of the Waterline Purpose, Values and Brand • Attend Client meetings and take briefs to develop project scopes that meet client needs • Maintain relationships and contact with existing Clients by delivering excellent service • Meet with clients to determine requirements and track project progress, to be able to realise true project benefits • Site visits to projects as required to build relationships and deliver excellent service
REPORTING	<ul style="list-style-type: none"> • 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

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

ESSENTIAL QUALIFICATION/S <ul style="list-style-type: none"> • BACHELOR OF ENGINEERING (STRUCTURAL)- PENDING OR COMPLETE 	Desirable Experience <ul style="list-style-type: none"> • Any relevant experience in Structural Engineering • Knowledge of, or experience using any of the following relevant software packages is an advantage <ul style="list-style-type: none"> ○ SpaceGass ○ Civil 3D ○ AutoCAD • Exposure to Australian Industry (including Mining, Energy, Chemicals, Oil & Gas) • Project Engineering or Project Management
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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 using effective communication skills
- Ability to deliver results under pressure
- 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 personal development
- Technical ability to carry out civil / structural analysis projects, manage and coordinate multiple stakeholders

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:

- Civil & Structural team
 - Team Lead
 - Peers
 - Designers
- Operational support
 - Job managers
- Other discipline teams
 - Colleagues on multi-discipline projects
- Business Support
 - IT
 - Marketing and Communications
- Strategic Growth
 - Strategic growth team members

EXTERNAL:

- Clients