



CERTIFIED | EXPERIENCED | ENGINEERING

POSITION DESCRIPTION

Position title:
Mechanical Engineer

Reports to:
Mechanical Team Lead

Employment type:
Full-time/Casual

Date:
Nov 2021

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

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POSITION DESCRIPTION

POSITION TITLE: MECHANICAL ENGINEER	REPORTS TO: MECHANICAL TEAM LEAD Or such other person/s as the company may nominate from time to time.
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POSITION SUMMARY

Working with the laws of physics to help design procedures, products and machinery to ensure a more efficient and more functional system outcome. The person in this position works throughout the conceptual stage, the design process, the testing phase and during the commissioning and utilisation of the component. Using the principles and knowledge of mechanical structures, electronic systems and the forces of motion, you will strive to ensure quality and purpose in all materials.

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. Including liaising with stakeholders, physical labour, audits, measuring and inspecting equipment during operations.

POSITION DETAILS	Description of duties and responsibilities
ENGINEERING	<ul style="list-style-type: none"> Project-related activities, including cost estimation, scope development, schedule development, and liaison with engineers and project managers to help manage clients during project delivery. Providing materials handling engineering services to achieve objectives against specified Key Performance Indicators (KPI) considering scope, quality and safety considerations. These services are to be to allocated budgets and timeframes, which is how you will help Waterline to deliver valuable commercial outcomes. 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 senior engineers and the Client 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)
BUSINESS DEVELOPMENT	<ul style="list-style-type: none"> Attending Client meetings and taking briefs to develop project scopes that meet client needs Regular interaction with Client and other business stakeholders during project delivery

	<ul style="list-style-type: none"> • Maintaining relationships with existing Clients by delivering excellent service. • Meet with clients to determine project scope requirements and track project progress, to be able to realise true project benefits. • Managing existing relationships • Regular site visits to projects as required.
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 the Mechanical Business Unit 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.

ESSENTIAL QUALIFICATION/S AND EXPERIENCE

QUALIFICATION/S	Experience
<ul style="list-style-type: none"> • BACHELOR OF ENGINEERING (MECH) 	<ul style="list-style-type: none"> • Relevant experience in Mechanical Engineering • Heavy industry or mining materials handling • Knowledge of 3D modelling packages • Knowledge of AutoCAD • Knowledge of relevant software packages - pumping, conveyor analysis software packages • Demonstrated project engineering or project management skills • Strong discipline and time management skills • Technical ability to manage and coordinate multiple stakeholders • Manage team of designers and engineers

ESSENTIAL COMPETENCIES [KNOWLEDGE, SKILLS AND ATTRIBUTES]

KNOWLEDGE

- Software knowledge including 3D analysis software SpaceGass and / or Strand 7; Microsoft Office Suite; programming ability in MS Excel; knowledge of AutoCAD.
- Demonstrated project engineering or project management skills
- Strong discipline and time management skills
- Technical ability to manage and coordinate multiple stakeholders
- Excellent communication skills
- Outstanding presentation skills
- Deliver results under pressure
- Learn about our clients' businesses and markets so you:
 - (1) Understand our clients core business outcomes.
 - (2) Understand how to present Waterline Projects to our clients in a relevant context.

SKILLS AND ABILITIES

- Demonstrate high levels of organisation, planned and attention to detail
- High level of report writing and presentation skills
- Problem Solving
- Ability to interpret Legislation, Acts and Codes
- Demonstrate high levels of both written and verbal Communication skills
- Demonstrate high levels of skill in electronic media including the Microsoft suite of programmes.
- Demonstrated skills in coaching and mentoring
- Superior written and verbal communication skills.
- Ability to work in high pressure and competing priority/ambiguous environments and meet key deadlines and milestones
- Intellect coupled with motivation, drive and efficiency.
- Manage & build positive relationships (Internal and External).
- Act decisively, honestly and with integrity at all times.
- Respect the values and diversity of others.

- Maintain confidentiality with regards to tasks.

COMMITMENT

- Excellent interpersonal, cooperative and facilitation skills as part of interfacing with various level of management and external bodies and agencies.
- Provide advice and support across the business relevant to your professional area.
- Actively investigate enhancements to standards, procedures and processes in area of expertise that achieves improvements in safety, reliability, performance, job satisfaction and productivity.
- Maintain knowledge of best practice within field of expertise, share interesting and useful information across the business, as appropriate;
- Develop the understanding of others to support and implement engineering improvements and maintain a practical knowledge of the work environment to which engineering support is provided;
- Develop and maintain positive working relationships with external stakeholders
- Participate in the development, implementation and continuous improvement of Sustainable Development (SD) Management Systems within your area of responsibility and comply with SD procedures.

ESSENTIAL BEHAVIOURS

WORKPLACE CULTURE

- Demonstrate our culture, values, and brand promise at all times
- Articulate the benefits of our culture, values, and brand promise to other team members and our clients as a competitive advantage
- Maintain good working relationships with internal and external stakeholders
- Set high standards of teamwork
- Contribute positively at internal and external meetings
- Share information openly
- Maintain and update knowledge of new innovations and initiatives in stakeholder management field
- Take ownership, accountability and responsibility of your work, WL culture, WL business goals and KPI's

NOT ACCEPTABLE IN THIS ROLE

- Poor attention to detail
- Poor communication with clients
- Inability to follow instructions

KEY RELATIONSHIP WITH

INTERNAL:

- **MECHANICAL TEAM**
- **DIGITAL DESIGN**
- **OPERATIONAL TECHNOLOGY**
- **OPERATIONAL SUPPORT**
- **CIVIL + STRUCTURAL**
- **E+IC TEAM**
- **BUSINESS SERVICES**
- **IT**
- **SALES**
- **OPERATIONS**

EXTERNAL:

- Job dependant – clients