



Position Description

Position: Controls Engineer

Role Reports to: Operations & Engineering Manager

Reports: Nil – Expectation is all senior engineers will have a Junior/intermediate reporting to them. As the division grows there is potential to grow a larger team.

Location: Melbourne

Executive summary

- Drac Logic (a division of Drac) specialises in electrical control systems engineering, focused on the development and commissioning of power generation solutions. Servicing a wide range of industry sectors nationwide, including commercial construction, data centres, government and defence, and hospitals.
- We are looking for a professional and knowledgeable Controls Engineer to join our Melbourne-based team to deliver control system solutions in a supportive work environment. The role will suit professionals who are focused on accountability, efficiency, and career growth.
- To facilitate the ongoing growth of the Drac Controls Division (Drac Logic) and to support the Operations Manager with their current technical responsibilities, through the following measures;

Objective

- Ascertaining and building the project requirements, and managing towards cost, time, and quality constraints.
- Liaise with clients and coordinate the activities of other Engineers, Sales and Fabrication Department whilst being involved in the sourcing of products, management of subcontractors, plant commissioning and delivery of final project documentation.
- Support the development of staff management procedures.

Qualifications and Training

- Relevant industry experience and either of the following qualifications (dual qualification highly regarded):
 - Electrical trade license (automation); and/or
 - Degree in Electrical Engineering (or similar discipline).
- Ability to be registered as a professional engineer within 6 months.
- Experience in leading project delivery.
- Knowledge of power generation product specifications and applications relevant to the Drac business.
- Ability to apply appropriate problem solving techniques to project related issues.
- Ability to read and interpret technical information, drawings and schematics.
- Proficiency in MS Office and MS Project Management software and business operating systems.

Experience and Knowledge

- Appropriate Trade or Technical and Engineering qualifications.
- Knowledge of configuration, programming, and commissioning of PLCs, HMI, and SCADA (Schneider preferred).
- Ability to work without supervision and guide teams/projects
- Solid experience in managing projects and experience in a comparable position.
- Experience in managing projects relating to generator sets would be extremely advantageous.
- Excellent communication and relationship building skills. This includes the ability to maintain regular contact with customers and staff where required.

Behaviors

- Proactive and initiates real and positive change that meets the needs of the business.
- Obtains and openly shares technical knowledge and experience.
- Self-motivated, goal orientated, and willing to take ownership and responsibility for own actions and work outputs.
- High level of customer focus: Understands and responds to the needs to internal/external customers and consistently strives to exceed customer requirements. Able to communicate with customers at the appropriate level. Proactive and responsible attitude towards all customers always.
- Team player: Able to work as an effective part of a team and is a committed team player.
- Respects and values the opinions of others. Coaches, mentors and provides development support to others.
- Willingness to learn: Accepts and proposes changes/ideas. Willingness to learn and to train others. Accepts personal responsibility for quality of own work performance.



Key Responsibilities

1. Deliver projects including:
 - a. Development of functional specifications.
 - b. Design of electrical control systems, including preparation of schematics and cable schedules.
 - c. Development of HMI and PLC programs and SCADA systems.
 - d. Project management, including installation, scheduling, and budget oversight.
 - e. Onsite commissioning.
 - f. Preparation of commissioning plans and technical documents.
2. Coach, mentor and supervise engineering activities
 - a. Coach and mentor junior and intermediate engineers
 - b. Supervise engineering activities when delegated
3. Coordinate the project team and project stakeholders
 - Coordinate team members, managers, sub-suppliers, and other relevant parties to deliver required work packages on time.
4. Managing the project risk
 - Minimise, monitor, and control the probability and/or impact of identified risks and unfortunate events.
 - Develop appropriate strategies to manage project related risk and reducing the negative effect or probability of the risk.
5. Managing the project budget
 - Monitor and control the project costing, project expenses, and revenue to ensure margins are met.
 - Identify, estimate, and issue project variations for additional scope or scope adjustments.
 - Support the operations manager to maximise gross margins on projects.
6. Support the improvement of Project Management Processes
 - Implement suitable business process to improve project efficiency and resources required.
 - Support the implemented information systems and project reporting structures.
7. Manage, retain and maximise relationships with existing clients and help grow the business with identifying new potential customers:
 - Developing / supporting key account customer engagement plans
 - Developing / supporting the tendering and bid process
 - Work with the operations manager and controls director in identifying new markets and growth opportunities

Team & Culture Responsibilities

Contribute to overall performance culture of the company through;

- Continuous self and professional improvement.
- Sharing of suggestions on how the business can grow and improve.
- Being accountable for task deadlines (We do what we say we are going to do, or we flag early).
- Assisting your co-workers in achieving their deadlines where required.
- A flexible approach to your daily tasks (If a co-worker needs help, we help them regardless of our role or hierarchy within the business).

Health & Safety

- Ensure all tasks (yourself and others) are completed safely.
- Ensure safety non-compliances are reported to your supervisor or rectified immediately.
- Promote safe work practices.
- Promote a Healthy and Safe culture within the business.