

## Position Description Engineer – Level 1

### About Provecta

Provecta is an Australian owned, international controls and electrical engineering company with our head office in Sydney. Our reputation is maintained through the provision of high quality customer focused professional engineering solutions specialising in industrial controls, process automation, and energy monitoring and management systems.

### Position: Engineer (Level 1)

### Relationships

The Engineer reports to a Principal Engineer, or Senior Engineer, as assigned by the Engineering Manager.

### Purpose of Position

The purpose of the position is to provide Engineering services to Provecta's clients, and within the Provecta business.

### Essential Requirements

- Degree qualifications in Electrical, or Mechatronics Engineering (or similar)
- Australian Drivers Licence (C class)
- Work Health and Safety general construction induction training (White Card) (or are willing to obtain)

### Technology Areas

The Engineer will assist Provecta's more experienced staff as required in the provision of advice and engineering services in the following technology areas;

- SCADA and PCS systems and applications
- Analog and digital control systems (modulating and sequence)
- Data Acquisition and Digital Systems maintenance and support
- LAN and WAN communications and network systems
- Human Machine Interfaces (graphical user interfaces)
- Field instrumentation (process monitoring transmitters/transducers)
- Field actuators/controllers
- Power supplies and electrical distribution systems
- Control Systems IT/OT security

### Responsibilities

The Engineer's performance is monitored against the following position responsibilities and requirements:

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### 1. Professional Attributes

- Under supervision the Engineer performs engineering work and exercises judgement in the application of engineering principals, techniques and methods
- The Engineer constantly seeks opportunities for improving efficiency in their work
- With appropriate engineering judgement, the Engineer demonstrates a preparedness to take action without direction from others
- The Engineer identifies technical areas where they require assistance and seeks input from more senior engineers for guidance and advice
- The Engineer demonstrates interpersonal and communication skills when interacting with project team members
- The Engineer demonstrates their willingness and flexibility to travel to industrial sites to perform their assigned tasks

### 2. Project Coordination

- The Engineer demonstrates the ability to manage their own time on engineering tasks and organise themselves to achieve outcomes within an agreed time frame
- The Engineer demonstrates a preparedness to participate in team activities and to support other team members

### 3. Design

- The Engineer will perform work with attention to detail to ensure that work is accurate and error free
- Under supervision, the Engineer carries out, monitors, and controls their design work to be accurate and comply with all relevant standards and Provecta procedures, with specific regard to Provecta's Integrated Management System procedures and appropriate statutory regulations, codes of practice, and Australian standards
- The Engineer develops technical knowledge of the hardware and software requirements of more than one DCS, PLC, RTU or SCADA vendor platforms

### 4. Business Development

- The Engineer demonstrates the ability to understand customer requirements and a willingness to ensure that customer satisfaction is made a clear priority

## Ethics, Safety and the Environment

All employees of Provecta are required to have an awareness of, and a commitment to:

- The principals and standards set out in the Provecta Code of Conduct
- Work Health and Safety and Electrical Safety legislation, and Provecta's policies and procedures in this regard
- Environmental management protection