



Position Overview

Position Title	Industrial Electrician
Business Unit	Customer Delivery
Remuneration Type	M&E EA Level 1-5
Reports to	Unit Leader Mechanical & Electrical
Direct Reports (role)	Not Applicable
Location (s)	Northern Service Centre, Maroochydore or Southern Service Centre, Morayfield
Success Profile	1.6 Trade Role Success Profile
Delegation Level	Not Applicable

Our Values



INNOVATION

We seek new ways of doing things better



HONESTY AND INTEGRITY

The work we do is always and only in the best interests of our customers, stakeholders, community and the environment



RELIABILITY

We mean and do what we say



ONE TEAM

No one succeeds at the expense or exclusion of others



EFFICIENCY

We don't waste time, money or effort



SAFETY

We think, walk and talk safety every day



Behavioural Capabilities



SAFETY

I work safely, and encourage my team members to do the same



AGILITY

I seek new and better ways of doing things



CUSTOMER CARE

I consider how customers are affected by my work



COLLABORATION

I am a team player – we are better together



ACCOUNTABILITY

I mean and do what I say

Position Purpose

Undertake maintenance and improvement work on Unitywater's electrical, instrumentation and control equipment. This includes assisting the Mechanical and Electrical Unit Leaders by proactively implementing processes, procedures and systems in the delivery of section initiatives and establishment of technical standards.

- **M&E Levels 1-5:** Electricians at these levels focus on foundational to advanced maintenance electrical skills, gaining increasing independence and technical expertise. Responsibilities progress from performing routine maintenance tasks to conducting diagnostics, troubleshooting, and safe operation of assets.

Position Accountabilities

Key functions of the role include:

- Undertake the delivery of Industrial electrical and limited instrumentation and control maintenance and reactive, corrective works. This includes after hours capabilities to achieve safe, reliable and efficient operation of Unitywater's electrical, instrumentation and control equipment
- Ensure work practices meet the requirements of the relevant Acts, Regulations, Standards and Codes of Practice
- Develop, implement and review systems which ensure that all new and upgraded Electrical, Instrumentation and Control equipment is installed in accordance with current Electrical Safety Regulations and Australian Standards
- Provide recommendations to Mechanical and Electrical Unit Leaders on required maintenance standards to enable water supply and sewerage systems to be operated at maximum efficiency and lowest cost, with minimal impact to the environment
- Ensure that Electrical, Instrumentation, SCADA and Control assets are specified, installed and commissioned in accordance with Unitywater's technical standards and operational requirements



- Liaise with relevant stakeholders in the on-going development and continual improvement of Unitywater's Electrical, Instrumentation and Control systems
- Ensure that work practices and the working environment, pose no risk to the health and safety of employees and others
- Actively participate in relevant training so that assigned duties are performed safely and effectively
- Meet key performance indicators that reflect customer, regulatory and stakeholder demands for the Customer Delivery Business Unit
- Liaise with Unitywater stakeholders in the review and development of efficient plant operation/optimisation
- Participate in the process of development and continual review of relevant UW standards
- Actively participate in professional development and training activities that will assist in building the knowledge and skills required for the ongoing performance of the position
- Support and role model the WH&S policies, procedures, and practices of Unitywater as amended from time to time.
- Participate in Unitywater safety audits and inspections to demonstrate visible safety leadership and participation.
- Such other relevant duties as required from time to time which would generally fall within the skill and knowledge requirements for this position.

Key Relationships

Key working relationships internal and external to Unitywater are:

- Customer Delivery team;
- Treatment Plant team;
- Control Room
- External customers and suppliers
- Operational Planning team



Capability Requirements

The requirements for the position are:

A **mandatory requirement** of this role is:

- Certificate III in Electro Technology Electrician (or equivalent)
- Sound knowledge and experience working with AC & DC motor control systems and pump control systems.
- Current Queensland Electrical Work Licence or equivalent
- Apply well-developed knowledge of the Electrical Safety Act, Regulations and Standards.
- C Class Drivers License
- MR License or willing to obtain

Within the context of the duties and accountabilities described above, the ideal applicant will be someone who has:

- High level understanding and extensive experience in all aspects of electrical, with instrumentation systems activities in the water industry preferable
- Intermediate computing and analytical skills
- Understanding of construction, operations, maintenance and renewal methodologies and techniques associated with water supply, sewerage and recycled water assets
- Confined space, working at heights and Radhaz training would be an advantage as would knowledge of Arc Flash hazards
- Aptitude for the application of “continuous improvement” across all business functions and activities.

After Hours Service

This role may be required to participate in after hours work and be part of an on call roster as the need may arise to ensure the continuity of service to Unitywater's customers