

ELECTRICIAN/SCADA TECHNICIAN POSITION DESCRIPTION

Position Title	Electrician/SCADA Technician
Directorate	Water and Waste
Department	Operations and Maintenance
Position No.	81,097.00
Classification	Tradesperson C10
Awards Stream	Queensland Local Government Industry (Stream C) Award - State 2017
Reports To	Manager Operations and Maintenance
Last Review Date	June 2025

ORGANISATION SUMMARY:

OUR VISION:	Helping to energise the world. A region that feeds, powers and builds communities, now and for the future.
OUR GOAL:	To pursue long-term sustainable futures for Isaac's communities.
OUR VALUES:	Community Focus Teamwork Caring Positive Work Ethic

We're a region unique in charm and a character-growing attraction for many keen to explore the road less travelled. It's a place where traditional country qualities live on within modern, vibrant communities.

Isaac Regional Council plays a role to ensure our communities have a long sustainable life, so it continues to be a great place to raise a family and to find new or old passions.

Our public spaces are valued and activated, our communities' lifestyles and wellbeing are prioritised, and our individual and collective identities are celebrated.

We need to use new ideas in everything we do because of the fast changes happening all over the world.

This helps us deal with changes and provide the best service. As a Council, we will continue to maintain a clear and balanced vision for the future that shapes all our decisions as we feed, build and power communities.

DEPARTMENT SUMMARY:

The Water and Waste Directorate ensures an integrated approach to internal organisational services across the organisation. The Operations and Maintenance Department is responsible for managing and maintaining a safe, quality water supply and reliable waste collection and treatment service to the Isaac Regional Council communities. These services are managed in alignment with regulatory and legislative requirements.

POSITION SUMMARY:

The Electrician/Scada Technician is responsible for providing expert technical, maintenance, installation, contract management and programming support for Council's assets across various sites located in the region.

DUTIES:

Position Accountabilities and Performance Objectives

1. Follow Maintenance work tasks and schedules related to Planned & Preventative Maintenance schedules on all Water, Wastewater and Waste Management Services assets in the Isaac region;
2. Assemble, install, test and maintain electrical or electronic wiring, equipment, appliance apparatus and fixtures, using hand tools and power tools;
3. Diagnose malfunction systems, apparatus and components, using test equipment and hand tools to locate the cause of breakdown and correct the problem;
4. Provide technical advice and site-specific knowledge for planning, testing, implementing and security of SCADA Systems to reduce implementation risks and optimise performance;
5. Identify and resolve electrical and automated system faults to minimise downtime for the SCADA system and associated assets;
6. Upgrade or perform programming modifications to, PLC', RTU's and alike equipment;
7. Develop, analyse, report and provide recommendations on performance of electrical control and telemetry systems including providing recommendations for improvements to plant and equipment to optimise reliability and efficiency;
8. Inspect, audit and approve electrical work for compliance to regulations to ensure compliant with current legislation, specifications, codes and standards;
9. Contribute to the development of estimates and programming of works and carry out associated activities in line with design and plans;
10. Meet the requirements of Council's IMS systems;
11. Ability and willingness to take part in the "on call" roster;
12. Hours to be worked as per roster;
13. Position will be working across the Isaac region;
14. Ensure you have read and understand the accountabilities and responsibilities outlined in the 'Theresa Creek Dam Emergency Action Plan' and implement when required;
15. Travel and work at other Water and/or Wastewater Treatment Plants within the IRC region as required; (A council vehicle will be provided for the commute between sites);
16. In accordance with Councils Fitness for Work Procedure. Your role has been identified as at risk of workplace illnesses from potential exposure to Hepatitis A and B virus. You will be required to undergo vaccinations to prevent these illnesses;
17. Undertake any other duties as reasonably directed within the limits of the employee's skills, competence and training.
18. Ability to pass a pre-employment medical, functional capacity evaluation and/or behavioural testing.

KEY COMPETENCIES:

Essential Knowledge and Skills

1. Good interpersonal, communication and organisational skills;
2. Knowledge and familiarity of relevant Electrical Safety Acts and Electrical Safety Regulations.
3. SCADA, PLC, RTU's and alike equipment experience;

4. Working with the team on our preventative maintenance plan and schedule routine preventative tasks with the Operations Supervisors & Senior Operators;
5. Carry out breakdown maintenance when required;
6. Ensure maintenance activities achieve maximum effective use of the plant and equipment;
7. Working in a safe and productive manner at all times;
8. Good interpersonal, communication and organisational skills.

Experience

1. Demonstrated experience in Electrical Trade;
2. Demonstrated ability to allocate workflows and resources to achieve work program objectives;
3. Knowledge of water related infrastructure assets and systems;
4. Knowledge of statutory requirements, regulations and national standards associated with design, approval and development of water related infrastructure assets.
5. Performing duties to ensure operations of Water, Wastewater & Waste facilities;
6. Detect and report equipment, defective material, improper operations and unusual conditions to supervision.
7. Knowledge of water related infrastructure assets and systems
8. Knowledge of statutory requirements, regulations and national standards associated with design, approval and development of water related infrastructure assets.
9. Performing duties to ensure operations of Water, Wastewater & Waste facilities;
10. Detect and report equipment, defective material, improper operations and unusual conditions to supervision.

Qualifications

Mandatory – this role requires the possession of:

1. Construction White Card (Construction Industry).
2. C Class Open Australian Drivers Licence.
3. Electrical Trade qualifications and demonstrated experience are essential;
4. Relevant licensing for trade; Trade certificate (Australian Standard);
5. Ability to be immunised against Hepatitis A& B and Tetanus;
6. Ability to pass a pre-employment functional assessment and/or behavioural testing.

Desirable

1. EWP Ticket (Desirable);
2. Hold valid Working at Heights and Confined Space tickets (Desirable);

DELEGATED AUTHORITY AND ACCOUNTABILITY:

Delegations as detailed in Council's Delegation of Authority register.

EXTENT OF AUTHORITY:

Position exercises a degree of autonomy and works under general direction with the freedom to act within established policies practices. The position must understand that their powers are limited to their delegated authority and know and comply with any authority and obligation that comes with their powers.

CERTIFICATION:

The details contained in this document are an accurate statement of the duties, responsibilities and other requirements of the position.

	EMPLOYEE	DEPARTMENT MANAGER
Name		
Signature		
Date		