

Position Description



Position Title	Electrical and Instrumentation Technician		
Position Number	TBC	Team	Operate & Maintain
Classification	GO Level 5	Reports to	TL Treatment Operations
Workplace Agreement	Mount Barker District Council Inside Staff Enterprise Agreement No. 9, 2021	Reports	Direct: -
			Indirect: -

Role Purpose

What is the reason for the role's existence and the key contribution to GMB Water's success?

To deliver planned and reactive maintenance which enables GMB Water to provide a reliable, safe and sustainable service to wastewater, recycled water and bore water customers through control, operation and maintenance of wastewater and recycled water infrastructure and facilities to meet levels of service and regulatory and/or licence conditions.

Key Objectives

What are the key objectives / results to be achieved unique to this role? (3-6 key accountabilities)

Key Objectives	Objective Details (2-8 per accountability)
Delivery of highly specialised operations and maintenance projects, programs and day-to-day activities	<ul style="list-style-type: none"> • Delivery of complex planned and reactive electrical and instrumentation maintenance activities in accordance with asset and risk management principles, defined service levels, programs of work, specifications, timeframes and budgets • Support development and implementation of a schedule of planned maintenance work, in agreed timeframes, to ensure effective operation of electrical and instrumentation assets to minimise unplanned breakdowns, provide accurate instrumentation data and increase the service life of assets • Work collaboratively with the Treatment and Network Operations teams to lead the coordination of maintenance works and optimise treatment processes across multiple locations, and deliver a reliable and cost effective service • Provide technical expertise in the development and implementation of systems for capture of information relating to maintenance, repair and replacement of assets based on expertise in computerised maintenance management systems and application of these systems • Develop and review operational and maintenance procedures as required in accordance with industry best practice and high-risk work principles to ensure safe maintenance of assets • Proactively identify, analyse and rectify complex, high risk and time critical issues and faults of electrical and instrumentation assets in an efficient and safe manner to ensure continuous service of wastewater assets • Engage and coordinate contractors to ensure the continuous operation of the Wastewater Treatment Plant and associated electrical and instrumentation assets • Provide fault reporting and recommendations to the Manager, Water Operations to ensure the continuous improvement of GMB Water's electrical and instrumentation assets
Support for and delivery of capital projects and programs, and participation in	<ul style="list-style-type: none"> • Deliver small capital works projects, including asset replacement and minor plant upgrades within specified budgets • Provide sound technical advice to capital programs, project designs, business cases, risk assessments, and communications

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Commissioning and handover of new assets	<ul style="list-style-type: none"> • Provide comprehensive technical reporting regarding outcomes of small capital works projects and asset replacement • Ensure the effective and timely preparation of specifications for tender documentation relating to wastewater and non-potable water asset replacements • Provide technical advice and solutions to issues arising from construction of new infrastructure on brownfield sites or interfacing with existing infrastructure • Support commissioning and operational handover post practical completion and proof testing of new assets, including undertaking training as required • When requested, perform inspections of works in progress to ensure performance against specifications, quality and work and health and safety considerations
Provision of a safe and reliable service to protect public health	<ul style="list-style-type: none"> • With other team members, work to ensure the wastewater and recycled water assets and associated infrastructure are operated in compliance with all relevant licences and approvals • Ensure accurate data collection on incidents, call outs, works completed etc • Understand, interpret and apply the Work Health and Safety Act, Local Government Act, Environment Protection Act, South Australia Public Health (Wastewater) Regulations 2013, Water Industry Act 2012, Water Industry Regulations 2012, and other applicable regulations, policies and procedures
Contribute to a collaborative culture, provide excellent customer service, and build and maintain strong stakeholder relationships	<ul style="list-style-type: none"> • Utilise diverse experience and skills across GMB Water to deliver effective outcomes • Foster positive working relationships and effective communication with internal and external stakeholders based on a model of collaboration, partnership, respect and success • Attend to breakdowns, faults and overflows as part of emergency repairs out of hours • Promote a positive corporate image of GMB Water and ensure services provided are customer focussed, timely and of a consistently high standard • Effective management of contractors delivering planned and reactive maintenance activities including delivery of required inductions and monitoring their performance • Maintain our social licence to operate

Key Relationships

What are the key interactions and areas of influence? (No more than 6)

Key stakeholder relations critical to the success of this are:

- GMB Water team – working with all team members to deliver strategic and role specific outcomes
- Stakeholders – working with key internal and external stakeholders, including customers, contractors, regulators (ESCoSA, SA Health, OTR and EPA), and others
- MBDC – for delivery of corporate services including, but not limited to, IT support, financial services, records management, customer service and communications support
- External providers and consultancy services – for delivery of goods and services

Skills and Knowledge

What knowledge, skills and experience does this role require? (Maximum of 8)

Knowledge, skill or experience	Essential or Desirable
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Trade qualifications in electrical & instrumentation with significant experience and current unrestricted South Australian electrical licence	Essential
Demonstrated ability to delivery small projects and asset replacement programs with associated reporting	Essential
Experience in operation and maintenance of wastewater, recycled water and bore water infrastructure and assets including knowledge of plumbing, electrical and mechanical issues associated with these	Desirable
Knowledge of wastewater treatment processes and an understanding of water treatment processes and maintenance of both	Desirable
Results oriented and able to work independently and as part of a multi-disciplinary team in a fast paced environment	Essential
Knowledge in the operation of SCADA systems and other software, including via remote access, to monitor systems and processes	Desirable
Certificate III in Water Operations	Desirable
Maintenance of relevant high risk work licences and relevant training competencies	Essential

Special Conditions

What are the unique requirements of the role?

- Flexible work hours and some after hours as required as part of emergency works or work program requirements
- Participation in an after-hours on call roster and available to be onside within 45 minutes of a call out
- Available to work weekends and public holidays as part of a rotating on call roster
- To ensure your safety in performing the inherent requirements of the role, you will be required to undergo initial and subsequent medical clearances in addition to some immunisations as relevant to your position.
- Depending on the role you will be required to undergo initial and/or subsequent clearance checks to ensure your ongoing suitability for the role. These may include a criminal police check, traffic check, Working with Children and/or Working with Vulnerable People checks.
- Required to hold a current Class C South Australian drivers licence

Values and Behaviours Commitment

All employees are expected to become acquainted with and work in accordance with all GMB Water values and behaviours, policies, directives and work, health and safety responsibilities. This includes any changes or amendments GMB Water may make to these from time to time.

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Agreement

This position description reflecting the responsibilities, duties and skill requirements for the position has been discussed with and agrees to by:

Role	Name	Signature	Date
Employee			/ /
Leader			/ /
Executive Officer			/ /