

Position Title: Biomedical and Electronics Technologist Grade 3

Campus: Horsham, Edenhope, Stawell & Dimboola (Based in Horsham)
(Occasional travel to Ballarat required)

Directorate: Redevelopment & Infrastructure

Department: Engineering

Reporting to:

- **Direct:** Biomedical Supervisor
- **Indirect:** Biomedical Services Manager

Appointment Terms/Conditions:

Classification and Code: Biomedical Technologist Grade 3 (BT28-BT31)

Enterprise Agreement: Allied Health Professionals

ORGANISATIONAL INFORMATION

Grampians Health was established on 1 November 2021, bringing together Edenhope and District Memorial Hospital, Stawell Regional Health, Wimmera Health Care Group and Ballarat Health Services as one united health service. More information can be found at www.grampianshealth.org.au

Our purpose is to provide high-quality and accessible healthcare services in each of the communities we serve. We currently service the healthcare needs of more than 250,000 Victorians and we employ more than 6,300 people across 21 campuses and sites with an annual operating revenue of over \$700m.

Collaboration	Compassion	Accountability	Respect	Innovation
<i>We are stronger together.</i>	<i>We show that we care.</i>	<i>We do what we say and say what we do.</i>	<i>We appreciate and value all people.</i>	<i>We adapt and innovate to achieve best outcomes.</i>
Recognising and utilising strengths to share knowledge, solve problems, build relationships and deliver the best outcomes possible.	All people deserve to be treated with compassion, kindness and empathy.	Openness, honesty and transparency support us to be courageous, take responsibility for our actions and follow through on our commitments.	Our actions and words reflect our commitment to a safe and fair health service for all.	Every day, we apply expertise and integrity to make responsible choices, always striving for continuous improvement.

POSITION PURPOSE

Reporting to the Biomedical Supervisor and the Biomedical Services Manager, the Biomedical Technologist, Grade 3 is responsible for the maintenance, testing, commissioning, calibration, repair and performance assessment of biomedical and electronic equipment across Grampians Health.

The Biomedical Technologist performs technical activities to ensure medical equipment is safe, reliable and fit for clinical use, supporting the delivery of high-quality patient care. The position undertakes acceptance testing and performance verification in accordance with relevant Australian Standards, provides technical advice and support to clinical users, contributes to medical equipment asset lifecycle management, and supports compliance with quality, safety and regulatory requirements.

KEY ACCOUNTABILITIES

- Undertake inspection, preventative maintenance, calibration, troubleshooting, fault diagnosis, repair and performance verification of biomedical and electronic equipment. This includes equipment owned by Grampians Health, partner organisations and external agencies.
- Independently investigate and rectify medical equipment faults, determine appropriate repair methodologies and make recommendations regarding equipment suitability for continued clinical use.
- Perform acceptance testing, commissioning, verification and documentation of all biomedical and electronic equipment, including newly acquired devices and equipment returned from external service providers, in accordance with relevant standards including AS/NZS 3003, AS/NZS 3551, AS/NZS 3760 and AS/NZS 2500, ensuring equipment is safe, reliable and fit for clinical use.
- Participate in equipment performance evaluations and provide technical advice regarding equipment standardisation, procurement and replacement planning.
- Comply with the requirements of the Computerised Maintenance Management System (CMMS), including accurate completion of work orders, maintenance records, fault reports, service history, parts utilisation and technical documentation.
- Support asset lifecycle management activities through analysis of maintenance history, reliability data, equipment utilisation and replacement requirements.
- Assist in maintaining compliance with the Asset Management Accountability Framework (AMAF) and contribute to continuous improvement initiatives relating to medical equipment management.
- Assist in maintaining appropriate stocks of spare parts, consumables, loan equipment and testing equipment to minimise equipment downtime and support continuity of clinical services.
- Participate in required travel (including overnight stays), weekend work, after-hours support and on-call activities as required to support maintenance programs and critical clinical equipment needs.
- Provide in-service education and technical training to clinical and support staff regarding the safe and effective use of biomedical equipment and associated technology systems.
- Ensure biomedical test equipment is maintained, calibrated and fit for purpose, with all associated records maintained in accordance with relevant standards and organisational requirements.
- Participate in technical investigations, incident reviews and service improvement initiatives relating to biomedical equipment performance, reliability and patient safety.
- Support the identification, assessment and mitigation of cybersecurity vulnerabilities within medical devices in collaboration with Grampians Health Information Technology and Cybersecurity teams.

- Maintain an understanding of individual responsibility for consumer safety, quality improvement and risk management, and comply with all relevant policies, procedures, standards and guidelines.

KEY SELECTION CRITERIA

Qualifications

- **Essential**
 - Current Australian Driver Licence.
 - Electrical Safety Testing (Test and Tag) qualification or ability to obtain.
 - Diploma in Electronics Engineering, Biomedical Engineering Technology, Electronics Trade Qualification, or equivalent.
 - Extensive experience maintaining, testing, calibrating, troubleshooting and repairing electronic, electro-mechanical or biomedical equipment.
 - Experience using Computerised Maintenance Management Systems (CMMS) and maintaining technical documentation.
 - Demonstrated ability to provide technical advice to stakeholders and work independently with limited supervision.
 - Ability to travel between Grampians Health sites
- **Desirable**
 - Qualifications and/or experience in Information Technology, networking or cybersecurity.
 - Experience in a healthcare environment.
 - Experience supporting network-connected medical devices.
 - Experience in equipment commissioning, evaluation, procurement or replacement planning.
 - Knowledge of AMAF and Australian Standards relevant to biomedical equipment.

Technical/Professional Knowledge and Skills

- Sound working knowledge of AS/NZS 3551, AS/NZS 3003, AS/NZS 3760 and AS/NZS 2500.
- Advanced knowledge of electronics, electro-mechanical systems and biomedical equipment.
- Demonstrated ability to independently perform maintenance, calibration, fault diagnosis, repair, acceptance testing and performance verification of biomedical equipment.
- Ability to investigate and resolve moderately complex technical issues using sound analytical and problem-solving skills.
- Ability to interpret technical manuals, circuit diagrams, engineering drawings and manufacturer documentation.
- Knowledge of CMMS, asset management principles and medical device lifecycle management.
- Experience supporting information technology systems, network-connected medical devices and associated cybersecurity requirements.
- Proficiency in Microsoft Office applications and other relevant software.
- Commitment to ongoing professional development and knowledge sharing.

Work Environment

- Maintain a safe workplace and comply with relevant legislation, standards, policies and procedures.
- Complete maintenance activities safely, efficiently and within agreed service timeframes.
- Maintain accurate service records, technical documentation and spare-parts usage.
- Participate in meetings, audits, training, service improvement initiatives and the Performance Development Review process.
- Ensure appropriate care and accountability for tools, test equipment and organisational resources.
- Support quality, risk, accreditation and asset management requirements.

Personal attributes

- Ability to work independently and collaboratively within a multidisciplinary team.
- Demonstrated initiative, sound judgement and accountability when managing technical issues.
- High attention to detail and commitment to quality outcomes.
- Strong customer service and interpersonal skills.
- Ability to remain effective in time-critical or high-pressure situations.
- Ability to prioritise competing demands and adapt to changing operational requirements.
- Well-developed written and verbal communication skills.

ORGANISATIONAL REQUIREMENTS

- Grampians Health is committed to a consumer-centred approach in the provision of health care and services, consistent with our values, purpose and vision. It is expected that team members demonstrate the core values of consumer-centred care in every interaction.
- All team members of Grampians Health are responsible for supporting the safety, participation, well-being and empowerment of children.
- Quality care is a strategic and operational priority at Grampians Health, achieved through our Governance Framework.
- Participation in the Grampians Health integrated quality improvement and risk management systems by being aware of responsibilities to identify, minimise and manage risks and identifying opportunities for continuous improvement in your workplace through communication and consultation with managers and colleagues.
- You must ensure that the affairs of Grampians Health, its patients, clients and staff remain strictly confidential and are not divulged to any third party except where required for clinical reasons or by law. Such confidentiality shall extend to the commercial and financial interests and activities of Grampians Health.
- In accordance with current legislation and organisational policy, employees must be willing to undertake and maintain a police check, a working with children check and where necessary and NDIS Worker screening check. Ongoing employment will be dependent on the provision of satisfactory checks.

OTHER RELEVANT INFORMATION

- At Grampians Health we recognise and respect diversity. Each person has a right to high-quality health care and opportunities regardless of diversity factors which might include aspects such as cultural, ethnic, linguistic, religious background, gender, sexual orientation, age, and socioeconomic status. Inclusiveness improves our service to our community and promotes engagement amongst Grampians Health employees.
- All Grampians Health employees are required to take reasonable care of their own health and safety in the workplace as well as take reasonable care for the health and safety of others who may be affected by their acts or omissions. Persons with delegated management functions have an additional duty to provide and maintain a working environment that is safe and free of risks to health, so far as is reasonably practicable in areas where they have management or control. All employees have a duty to report issues they cannot rectify, follow all existing Grampians Health policies and protocols relating to health, safety, wellbeing and injury management and cooperate with any action taken by Grampians Health to comply with the OHS Act or Regulations.
- Statements included in this Position Description are intended to reflect in general the duties and responsibilities of this position and are not to be interpreted as being all-inclusive.
- Management may alter this Position Description if the need arises. Any such changes will be made in consultation with the affected employee(s).

- An annual performance review will occur with your manager. Your performance review is intended to be a positive discussion, outlining the key roles and responsibilities outlined in this Position Description. The performance review discussion provides an opportunity to clarify your role, revise key performance activities and identify any objectives or goals for the year ahead.