

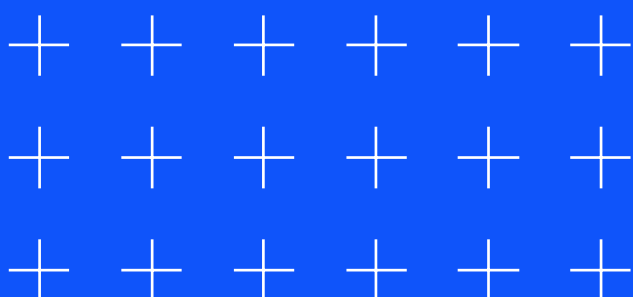


**The Royal
Melbourne
Hospital**

Advancing health for everyone, everyday.

Could this be you?

**Join The Royal
Melbourne
Hospital Team**



Position Description

Biomedical Engineer Class 3

Our reputation for caring for all Melburnians is as essential to who we are as any scientific breakthrough we make. We're here when it matters most, and we'll continue to be the first to speak out for our diverse community's wellbeing.

Advancing health for everyone, every day.

True excellence is only possible when we work as one Royal Melbourne Hospital community. Through collaboration, we set the highest of standards and achieve our goals.

1. Be a great place to work and a great place to receive care
2. Grow our Home First approach
3. Realise the potential of the Melbourne Biomedical Precinct
4. Become a digital health service
5. Strive for sustainability

The role provides professional biomedical engineering services, including technical advice and support relating to the safety, performance, assessment, procurement, and management of medical equipment. The incumbent exercises independent professional judgement in the performance of routine biomedical engineering duties and accepts responsibility for the technical outcomes of assigned work.

Professional Practice and Organisational Responsibilities • Work in accordance with Melbourne Health values, policies, procedures, and the Victorian Public Sector Code of Conduct. • Take reasonable care for the health, safety and wellbeing of self and others and contribute to a psychologically safe workplace. • Practice within professional scope and competence, seeking guidance when required. • Collaborate effectively with patients, consumers, carers, clinical staff and multidisciplinary teams to support safe and effective healthcare delivery. • Participate in mandatory training, professional development, performance review processes and continuous improvement activities.	Service Delivery and Leadership • Model and actively promote workplace behaviour that reflects the Melbourne Health Values and the Code of Conduct for Victorian Public Sector Employees. • Participate in and be responsible for managing and maintaining an after-hour's emergency service. • Undertake reasonable travel in accordance with the duties of this position • Other duties as directed and consistent with the grade of this position. • Create a psychologically safe work environment where everyone feels safe to speak up. Monitor and achieve relevant KPIs and targets and operate within their allocated budget. • Exercise independent professional judgement and accept technical responsibility for routine biomedical engineering activities, while providing technical leadership, mentoring and support to Class 1 and Class 2 Biomedical Engineers. Under the direction of senior engineering staff, contribute to complex, specialised or high-risk biomedical engineering projects, investigations and service improvement initiatives.
Biomedical Engineering and Clinical Engineering Services • Provide technical advice and support regarding the evaluation, procurement, safe use, maintenance, replacement and disposal of medical equipment. • Perform and coordinate the inspection, testing, maintenance, calibration, fault diagnosis and repair of biomedical equipment in accordance with AS/NZS 3551:2012, relevant Australian Standards, manufacturer recommendations and organisational requirements. • Perform and coordinate the inspection, testing, , fault diagnosis of protected Patient Areas in accordance with AS/NZS 3003:2018 and organisational requirements • Exercise independent professional judgement and accept technical responsibility for routine biomedical engineering activities within delegated authority. • Support and mentor junior biomedical engineering staff and contribute to the development of technical capability within the department. • Participate in equipment investigations, service improvement initiatives and healthcare technology management activities.	

Internal	External
• Department Heads • Procurement • Nurse Unit Managers • Ward Clerks • Facilities Managers • Information Technology • Capital Works	• Medical Equipment Service providers / vendors • Health Share Victoria

- A degree in Biomedical Engineering, Electronic Engineering, Medical Electronics, Clinical Engineering, or a related discipline, with eligibility for membership of Engineers Australia or an equivalent professional body.

- Demonstrated commitment to Melbourne Health's values and behaviours, including putting people first, leading with kindness, and achieving excellence together.
- Mandatory Working with Children's Check and Police Check and Immunisation Assessment
- Demonstrated experience in the maintenance, testing, calibration, troubleshooting, repair and lifecycle management of a broad range of biomedical equipment within a healthcare environment.
- Sound knowledge of relevant Australian Standards, regulatory requirements, healthcare technology management practices, and medical device safety principles.
- Minimum seven years' experience working within a tertiary healthcare, hospital, or clinical engineering environment.
- Demonstrated ability to exercise independent professional judgement and technical decision-making in the management of routine biomedical engineering activities.
- Experience supporting connected medical devices, clinical systems, and healthcare technology infrastructure, including network-enabled equipment and system integrations.
- Strong analytical, problem-solving and investigative skills with the ability to identify root causes and implement effective technical solutions.
- Proven ability to interpret and analyse technical, asset management and service data to support operational and strategic decision-making.
- Highly developed verbal and written communication skills, with the ability to engage effectively with clinicians, managers, contractors, vendors and executive stakeholders.
- Demonstrated proficiency in Microsoft Office applications and computerised maintenance management systems (CMMS) or equivalent asset management platforms.
- Ability to provide technical leadership, guidance and mentoring to junior engineering staff and contribute to a collaborative team environment.
- Proven ability to plan, prioritise and manage competing work demands while maintaining high standards of service delivery.
- Demonstrated ability to provide technical leadership and specialist advice while supporting the delivery of complex biomedical engineering services, projects, and healthcare technology initiatives across a multidisciplinary healthcare environment.
- Capacity to participate in an on-call roster and provide after-hours technical support as required.

- Previous experience in a team leader, supervisory, project lead or acting leadership capacity within a Clinical Engineering or Biomedical Engineering service.
- Experience with medical device integration platforms, including Capsule Technologies and Electronic Medical Record (EMR) integrations.
- Experience using IBM TRIRIGA, CMMS platforms or other healthcare asset management systems.
- High-level understanding of IT and clinical networks, including TCP/IP networking, wireless technologies, VLANs, cybersecurity principles and integration of network-connected medical devices.
- Experience supporting critical care, perioperative, diagnostic, patient monitoring, infusion, renal, or other high-acuity medical technologies.
- Knowledge of healthcare interoperability standards and protocols, including HL7, FHIR, DICOM or equivalent clinical communication systems.
- Experience contributing to technology evaluation, procurement, commissioning, replacement planning and capital equipment projects.

Your performance will be measured through your successful:

- Demonstration of RMH values
- Achievement of portfolio specific KPI targets
- Participation in and satisfactory feedback through the annual performance review process; and, where applicable, ensure all your direct reports have an individual development and work plan including an annual review.
- Successful completion of required mandatory training activities, including training related to the National Standards.
- Participation in the development and implementation of the annual Melbourne Health and portfolio specific business planning process (if required);
- Ability to operate within allocated budget (if required);
- Ability to maintain a safe working environment and ensure compliance with legislative requirements

- Aim to provide a working environment that is safe and without risk to the health, safety and wellbeing of all employees, patients and consumers, and visitors.
- Speak up for patient, consumer, colleague and visitor safety, escalating issues if required.
- Deliver Safe, Timely, Equitable, Person-centred Care (STEP) in line with our clinical governance framework.
- Work in accordance with relevant policies, procedures, standards and legislation including those related to clinical or competency requirements, risk management, discrimination, equal opportunity and health safety and wellbeing.

- As a leader in healthcare, we recognise the need to foster a culture of equity, inclusion, and belonging — safe spaces where every individual is empowered to be their authentic self, contributing meaningfully to the collective well-being of our community.

- We acknowledge and pay our respects to the Traditional Owners of the lands on which we work and stand in solidarity with Aboriginal and Torres Strait Islander peoples. We are committed to creating a culturally safe environment that honours First Nations voices, knowledge, and self-determination through inclusive governance, respectful policies, and a steadfast commitment to anti-racism. The Royal Melbourne aspires to lead by example in addressing the injustices of colonisation and its ongoing impacts.

- RMH is a child safe organisation. We are dedicated to fostering an environment that respects and upholds the rights of children and young people, in line with the Child Safe Standards. We actively embed these standards in our culture, policies, and practices, ensuring that the safety and wellbeing of children and young people is a central priority.

- We are proud to be an equal opportunity employer that champions diversity in all its forms. We value the strengths and perspectives that come from people of all backgrounds, identities, abilities, and lived experiences. We encourage applicants from all communities, and we will provide reasonable adjustments to support equitable participation.

- Together, we are committed to fostering an environment where everyone feels respected, safe, and empowered to thrive.

I acknowledge and accept that this position description represents the duties, responsibilities and accountabilities that are expected of me in my employment in the position. I understand that The RMH reserves the right to modify position descriptions as required, however I will be consulted when this occurs.

Date _____