



WESTERN CHILD AND ADOLESCENT HOSPITAL

CAREER OPPORTUNITY - ADVERTISEMENT

Applications are invited from suitably qualified persons for the position of:

BIOMEDICAL ENGINEER (SOG/ST 5) – 1 Position

Salary Scale: \$3,501,526.00 - \$4,709,163.00 per annum

The **Western Child and Adolescent Hospital**, under the Western Regional Health Authority (a Statutory Body under the Ministry of Health & Wellness) is currently seeking to employ a **Biomedical Engineer (SOG/ST 5)**. Reporting to the Manager, Health Facilities, Operations and Maintenance; the incumbent is responsible for overseeing the maintenance and servicing of all biomedical equipment and systems in the hospital through preventative and corrective maintenance to ensure operational efficiency.

RESPONSIBILITIES:

- Leads and directs the daily work activities of the Biomedical Technicians by ensuring that all biomedical equipment and systems are operating efficiently, and downtime is minimal
- Ensures that policies and procedures established by the Ministry of Health and Wellness and the organization are adopted and enforced
- Develops and/or implements/maintains preventative maintenance procedures and manuals for biomedical equipment
- Ensures that biomedical equipment and systems are assembled and installed in keeping with guided policies/ procedures
- Directs and oversees scheduled maintenance servicing and repair to biomedical equipment such as dental chairs, suction machines, blood pressure machines, autoclaves, and dialysis systems
- Checks new bio-medical/electronic equipment after it is received and before it is put into operation as requested
- Extracts biomechanical equipment maintenance history (costs, maintenance labour hours, spare parts, usage, etc.) for review and analysis of the overall maintenance programme; and to make informed decisions
- Installs and commissions/decommissions biomedical equipment as directed by the Maintenance Manager
- Tests and calibrates components using a variety of manuals, troubleshooting techniques, and code requirements
- Diagnoses equipment malfunctions with accuracy and precision by testing the functionality of equipment considering accuracy, sensitivity, and selectivity measurements
- Ensures biomedical equipment and internal circuitry meet standard requirements

- Informs biomedical equipment users and the Manager, Health Facilities, Operations and Maintenance of status updates and maintenance needs of biomedical equipment and systems
- Liaises with clinical staff to identify and remedy maintenance issues and system failures
- Identifies need for replacement supplies; selects and submits cost-effective sources in accordance with established guidelines and policies
- Maintains documentation of new equipment, inspection, and equipment repair and failures
- Develops/compiles data and creates specifications for biomedical equipment/devices to facilitate procurement
- Provides technical guidance to medical staff regarding the use of biomedical equipment and systems
- Recommends the replacement of biomedical equipment that has become unsafe and too costly to maintain
- Provides technical guidance and supervision to the Biomedical Technicians
- Participates in the development of the Operational Plan and budget for the Unit

SPECIAL CONDITIONS ASSOCIATED WITH THE JOB:

- May be required to work beyond normal working hours, weekends and public holidays from time to time
- May be exposed to noise, dust, grease, wastewater, fumes, noxious odours, radiation, infectious disease and gases, and mechanical and electrical hazards
- Ability to stand, sit, bend, stoop, walk or crawl as necessary to supervise and perform maintenance and repairs
- Possess manual dexterity and finger coordination to grasp, hold, turn or squeeze objects, tools and equipment
- Possess a sense of vision and hearing at a necessary level to diagnose problems, use tools, and implement preventative or corrective solutions
- Work may be performed in confined areas such as those between ceilings and roofs; may include exposure to electrical shock and airborne particles

QUALIFICATION & EXPERIENCE:

- Bachelor's Degree in Biomedical Engineering
- A minimum of three (3) years of experience in a similar capacity
- Any equivalent combination of qualification and experience

SPECIFIC SKILLS/KNOWLEDGE REQUIRED:

- Excellent presentation, written and oral communication skills
- Good interpersonal skills and people management
- Good decision-making and critical-thinking skills
- Good leadership, networking and relationship-building skills
- Strong analytical and problem-solving skills
- Good planning, organizing, time management and reasoning skills
- Ability to exercise sound judgment and conviction of purpose in unfavorable/ unpopular situations
- Ability to prioritize among conflicting demands
- Excellent skills in teamwork and cooperation
- Maintains a high level of productivity and self-direction

- Sound knowledge of basic anatomy and physiology as applied to the use of biomedical equipment
- In-depth knowledge of technical aspects of biomedical equipment and its operation, repair and maintenance
- Ability to analyze, repair and test biomedical equipment and systems
- Ability to lift up to 50 pounds of equipment and to push/pull equipment carts
- Ability to run diagnostic programs and tests
- Working knowledge of health and safety policies and guidelines for health facilities
- Excellent knowledge of diagnostic and therapeutic equipment
- Expertise knowledge in Maintenance Management
- Working knowledge of any maintenance management software applications

Application letter along with a detailed resume should be sent no later than **September 30, 2026** to:

**Manager, Human Resource Management and Development
Cornwall Regional Hospital
P.O. Box 900
Mt. Salem
Montego Bay, St. James
Email: wcahjobs@wrha.gov.jm**

ONLY SHORTLISTED APPLICATIONS WILL BE CONTACTED