



UNION JOB DESCRIPTION

JD824

JOB TITLE:	Biomedical Engineering Technologist	JOB DESCRIPTION NO.:	60222/P.VI.69820.001
CLASSIFICATION:	Biomedical Engineering Technologist P1	GRID/PAY LEVEL:	H-E-P1
COLLECTIVE AGREEMENT:	Health Science Professionals	HSCIS NO.:	51801
UNION:	HSA	JOB/CLASS CODE:	51801
PROGRAM/DEPARTMENT:	Facilities Operations, Biomedical Engineering	BENCHMARKS (If Applicable):	
REPORTING TO:	Manager or designate		
FACILITY/SITE:	VIHA: Nanaimo Regional General Hospital; Campbell River Hospital; Cowichan District Hospital; Victoria General Hospital; Royal Jubilee Hospital; Comox Valley Hospital		

JOB SUMMARY:

In accordance with the Vision, Purpose, and Values, and strategic direction of the Vancouver Island Health Authority, patient safety is a priority and a responsibility shared by everyone at VIHA; as such, the requirement to continuously improve quality and safety is inherent in all aspects of this position.

Reporting to the Manager or delegate, inspects, tests, maintains, and performs difficult repairs on biomedical and other equipment pertaining to designated areas of the hospital such as Radiology, Respiratory, Anaesthesia, and the Operating Room. Performs other related functions such as carrying out acceptance tests for new biomedical equipment, modifying equipment to improve performance and safety, and providing technical advice to equipment users.

TYPICAL DUTIES AND RESPONSIBILITIES:

1. Inspects, diagnoses malfunctions and performs difficult repairs on biomedical and other equipment pertaining to various designated areas of the hospital such as Radiology, Respiratory, Anaesthesia, and the Operating Room. Tests and calibrates complex equipment according to manufacturer specifications.
2. Performs scheduled preventive maintenance and corrects problems to ensure manufacturer specifications, warranty requirements, and hospital safety and performance standards are met.
3. Performs acceptance tests and installs new biomedical and electronic equipment in accordance with departmental procedures. Monitors the installation of equipment by vendors to ensure conformance with specifications.
4. Provides technical advice and training regarding the use and care of biomedical and electronic equipment to clinical staff.
5. Provides input into the pre-purchase evaluation of new biomedical and electronic equipment.
6. Modifies, redesigns and/or fabricates biomedical and electronic equipment as required.
7. Maintains service reports by recording details of repair, maintenance and calibration and other related information in accordance with department policies and procedures.
8. Uses computer-based information and published sources of product and technical data to determine equipment service and parts supply options.

9. Communicates with manufacturers, distributors, other institutions and colleagues regarding the support of biomedical and electronic equipment and to keep abreast of current technology.

10. Operates a motor vehicle such as a car to visit other sites to install, repair, and/or modify related equipment.

11. Performs other related duties as required.

QUALIFICATIONS:

Education, Training And Experience

Graduation from a recognized program in Biomedical Engineering Technology required, however an equivalent combination of education, training, and experience may be considered. Valid Class 5 vehicle license.

Skills And Abilities

- Physical ability to carry out the duties of the position.
- Ability to operate related equipment.
- Ability to organize work.
- Ability to deal with others effectively.
- Ability to communicate effectively both verbally and in writing.