

Alberta's Health Regions and Voluntary Organizations and the Health Sciences Association of Alberta (HSAA)

This classification specification identifies representative duties and responsibilities, and is intended to assist in the determination of the appropriate classification level within each discipline. Some duties and responsibilities may overlap between class levels. The classification specification is not intended to provide an exhaustive list of all duties performed.

Classification Title: **Biomedical Equipment Technologist I**

Date Updated: **May 20, 2008**

Job Summary:

The Biomedical Equipment Technologist (BMET) I is the entry level classification in this series. BMET I's perform basic service and support for medical equipment to ensure safety and reliability. Under close technical supervision from the BMET II, the BMET I performs basic and routine work on medical, biomedical, diagnostic imaging and electronic equipment and systems as appropriate.

Key Responsibilities and Typical Duties:

Core Duties

- Conducts performance assurance testing including preventative maintenance.
- Identifies and resolves equipment malfunctions.
- Performs incoming inspection on assigned equipment.
- Verifies the performance and safety of the equipment, associated peripherals and the adequacy of manuals prior to acceptance.
- Assists in the operation of the regional computerized equipment management system.
- Assists with the installation and repair of medical electronic systems in the facility.
- Consults with supervisor or manager for direction in dealing with complex repairs and problems.

Leadership

- Provides in-service training on the use of equipment to other health care providers.

Decision-Making

- Decides on routine repairs and maintenance.

Knowledge:

Education

- Diploma from a Biomedical Engineering Technology program or equivalent education (Electronic Engineering Technology) and experience.

Working Conditions:

Physical Demands

- Prolonged sitting, standing, bending and walking.
- Lifts heavy medical equipment.

Work Environment

- Works in general office and facility environment.
- Travel in all weather/road conditions.
- Work is subject to danger of radiation exposure, biohazardous materials and electrical hazards.