

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 II**

Date Updated: **May 20, 2008**

Job Summary:

The Biomedical Equipment Technologist (BMET) II is the working level classification for this series providing testing, preventative maintenance and repair service for complex medical, biomedical, diagnostic imaging and electronic equipment and systems.

Work at the BMET II level is differentiated from work at the BMET I level by the requirement to service the full range of equipment in their assigned area.

Key Responsibilities and Typical Duties:

In addition to the duties performed by the BMET I, the BMET II:

Core Duties

- Monitors, installs, repairs, tests and services complex medical, biomedical, diagnostic imaging equipment, and electronic equipment and systems.
- Assists in the assessment, introduction, modification and evaluation of the effectiveness of equipment.
- Conducts preventive maintenance and repairs including troubleshooting and biomedical calibrations which may include computer diagnostics.
- Requisitions supplies and equipment and maintains stock as required.
- May prepare and provide status, trending and analysis reports.
- Manages equipment service contracts with external vendors.
- Participates in long-term equipment planning.
- Identifies and reports requirements for major repairs or adjustments.
- Participates in the investigation of unusual incidents involving medical equipment.
- Reports hazards and acts upon recall notices.
- Reviews hazard reports, recall notices and medical device alerts.

Leadership

- May coordinate and assign work to BMET I's.
- Acts as a preceptor for training BMET students and orients new technologists.
- Provides service and support to specific clinical programs or technology specialists.

Decision-Making

- Writes equipment operating procedures.
- Develops preventative maintenance protocols for equipment.
- Resolves issues/ situations referred from BMET I's or refers to appropriate individual(s).

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.