

## **Biomedical Equipment Technician II – Eastern CT Health Network**

### **POSITION SUMMARY:**

The Biomedical Equipment Technician reports to the Director of Biomedical Engineering and performs maintenance, diagnostics, repairs, inspections, installations, performance testing, safety checks, and calibration on a wide variety of medical equipment, instrumentation and other systems used in the healthcare delivery field by Physicians, Nurses, Clinical Technicians, and Therapists in the monitoring, diagnostics, and treatment of patients. The Biomedical Equipment Technician completes appropriate documentation, provides in-service education, and performs special project work to ensure safe, efficient, and cost-effective utilization of medical technology. Troubleshoots and repairs various biomedical equipment systems with minimal technical assistance. The Biomedical Equipment Technician will be responsible for the preventative maintenance, repairs, factory-approved field changes, safety modifications and service on the biomedical equipment. Carries a beeper and participates in a departmental on-call rotation responding to and prioritizing customer needs for service.

### **EDUCATION/CERTIFICATION:**

- A minimum of an Associate's Degree in Biomedical Engineering or Electronics Technology, or an equivalent combination of operation and experience.
- Must have a minimum of five (3) years' experience or equivalent military training in biomedical equipment maintenance.
- Certification by AAMI in Biomedical Engineering (CBET) is preferred, but not required.
- Must possess and maintain a valid driver's license, maintain a driving record free of any violations and pass a safe driving educational program upon hire and annually thereafter in order to participate in the Fleet Vehicle Program as outlined in the Eastern Connecticut Health Network's Environment of Care Safety Policies and Procedures #110.

### **EXPERIENCE:**

- Must have knowledge of computer systems, electrical, electronic, and mechanical principles as they relate to medical equipment.
- Knowledge of biomedical equipment preventive maintenance procedures, corrective maintenance and electrical safety standards is required.

### **COMPETENCIES:**

- The incumbent must have solid interpersonal, communication and writing skills using the English language and the ability to work as part of a team.
- Must possess excellent customer service skills and the ability to deal with a wide variety of customer requests and deadlines.
- Must possess and maintain a valid driver's license (appropriate as outlined in the Eastern Connecticut Health Network's Environment of Care Safety Policies and Procedures #110) maintain a driving record free of any violations and pass a safe driving educational program upon hire and annually thereafter.

### **ESSENTIAL DUTIES and RESPONSIBILITIES:**

Disclaimer: Job descriptions are not intended, nor should they be construed to be, exhaustive lists of all responsibilities, skills, efforts or working conditions associated with the job. They are intended to be accurate reflections of the principal duties and responsibilities of this position. These responsibilities and competencies listed below may change from time to time.

### Job-Specific Competency

1. Performs diagnostics and repair operations on medical and electronic equipment and associated systems throughout the ECHN complex.
2. Performs preventative maintenance operations on medical and electronic equipment and systems located throughout the ECHN complex.
3. Performs in-coming inspection and installation of medical and electronic equipment and systems to ensure equipment performs properly and safely throughout the ECHN complex.
4. Performs emergency repairs, as necessary, on medical and electronic equipment and systems throughout the ECHN complex.
5. Complies with all departmental safety policies and procedures and contributes to the safe operation of the ECHN facilities.
6. Participates effectively in the department's on-call service program, prioritizing service needs and meeting customer expectations to ensure the patient care needs of the department are met.
7. Documents all phases of the inspection: testing, maintenance and repairs to the medical equipment, work performed, utilizing database management and/or written reports as per department procedure to ensure appropriate records are maintained in compliance with JCAHO, DPH, and local, state and federal regulations.
8. Participates in the evaluation of and strategic planning for new and replacement medical technology through pre-purchase assessment of medical devices/equipment and evaluation of replacement needs, to ensure that appropriate technologies are utilized in the organization and to provide input into the budgeting process.
9. Demonstrates excellent time management and organizational skills and multitasks to proactively complete assignments independently or as a member of a team in respect to our customers' needs.
10. Coordinates and collaborates with internal team and customers to deliver a full range of quality services meeting customer requirements resulting in quality patient care.
11. Communicates with departmental representatives regarding the current situation of medical equipment and systems.
12. Educates users on proper use of medical equipment and user-type diagnostic procedures through a combination of formal in-services and informal training to ensure that equipment is used appropriately and users can perform basic maintenance and troubleshooting activities.
13. Implements the medical device recall system.
14. Performs independent research on special projects or problems assigned by manager.