



Clinical Engineering
Management Committee

Job Description

Job Title	Biomedical Equipment Technician II
Reports To	Manager
FLSA Status	Non-Exempt
Date	

Job Summary

Under moderate supervision, repair, calibrate, and maintain medical equipment, instrumentation, and support systems of moderate complexity used in healthcare delivery. Inspect, install, and perform inventory assessments and preventive maintenance of medical equipment. Assist medical and nursing staff in the use of equipment.

Job Responsibilities

To perform this job successfully, an individual must be able to perform each essential duty and responsibility satisfactorily. Reasonable accommodations may be made to enable individual with disabilities to perform the essential functions. Other duties may be assigned to meet business needs.

Duties include:

- Repair, install, maintain, calibrate, and inspect medical equipment and instrumentation, including life-support equipment.
- Perform preventive maintenance and electrical safety testing of clinical equipment, devices, and systems.
- Diagnose and correct system and equipment malfunctions.
- Maintain documentation on new equipment, inspections, and equipment repairs and failures.
- Assist with and evaluate third-party repairs.
- Provide technical assistance and instruction to personnel regarding equipment operation and maintenance.
- Review outcome of preventive maintenance actions and make recommendations to department staff concerning improvements.
- Provide mentoring to other biomedical equipment technicians.
- May assist senior biomedical engineering technicians or supervisor with in-service educational programs on use of equipment.

Supervision Received

Individual will work under supervision of Clinical Engineer and Clinical Engineering Supervisor.

Working Relationships

Individual will maintain good personal relationships with fellow workers, nursing and medical staff, vendors, manufacturers, and the general public. Will be expected to participate in meetings, seminars, training, workshops, and conferences as required. Will maintain a clean and safe work place.

Minimum Qualifications

To perform this job successfully, an individual should possess the knowledge, skills, and abilities listed and meet the amount of education, training, and/or work experience required.

Education/Experience

Associate's degree in electronics or biomedical equipment technology is highly desirable, as well as a minimum of two years' experience in the repair and maintenance of medical equipment. An equivalent combination of education and experience may be substituted.

Knowledge, Skills, and Abilities

- Knowledge of technical aspects of electronic equipment and its operation, repair and maintenance.
- Knowledge of the application and repair of computers and servers and how they interface with medical equipment.
- Knowledge of current regulatory requirements.
- Knowledge of basic anatomy and physiology as applied to use of biomedical equipment.
- Knowledge of color code conventions used in component and wiring marking.
- Ability to analyze, repair, and test electronic and electromechanical equipment.
- Ability to perform preventive maintenance inspections.
- Ability to run diagnostic programs.
- Ability to interpret schematics, wiring diagrams, and illustrated parts drawings of biomedical instrumentation.
- Ability to maintain accurate records of repairs, calibration, and tests.
- Ability to lift up to 50 pounds of equipment; to push/pull equipment carts; and to kneel, stand, bend, and reach during equipment repair.
- Skill in testing electronic equipment.
- Skill in manual dexterity, hand-to-eye coordination, and color vision.

Working Conditions

Generally good working conditions. Possible hazards include exposure to electrical shock, ionizing radiation, chemicals and chemical fumes, high-pressure air, infectious disease, and various other hazards associated with biomedical engineering work. Protective clothing and safe work practices are required.

This job description should not be construed to imply that these requirements are the only standards for the position. Incumbents will follow any other instructions and perform any other related duties as may be required. (Name of Company) has the right to revise this job description at any time. (Name of Company) is an "at will" employer and as such, neither this job description nor your signature constitutes any form of contractual arrangement between you and (Name of Company).