



Clinical Engineering
Management Committee

Job Description

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

Job Summary

Under relatively close supervision, repair, calibrate, and maintain all types of basic clinical equipment technologies, devices, instruments, and systems. Inspect, install, and provide preventive maintenance of general clinical 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 a diverse range of therapeutic and diagnostic biomedical instrumentation and 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.
- Schedule and oversee third-party repair as necessary.
- Provide technical assistance and instruction on equipment operation and maintenance to personnel.
- Perform related duties as assigned.

Supervision Received

Individual will work under close supervision of BMET II/Senior BMET or 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. May coordinate and deliver technical in-service education sessions to users as assigned.

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 electronic or biomedical equipment technology is desirable, as well as a minimum of six months' 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 electronic theory, technology, and test equipment.
- Knowledge of basic anatomy and physiology as applied to use of biomedical equipment.
- Knowledge of color code conventions used in component and wiring marking.
- Knowledge of department policies, procedures, and standards, as well as general applications such as e-mail, database management, spreadsheet, and word processing software.
- Ability to analyze, repair, and test electronic and electromechanical equipment.
- Ability to perform preventive maintenance inspections.
- Ability to run diagnostic programs.
- Ability to comprehend instructions and effectively communicate.
- 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).