

PART II	HAWAII HEALTH SYSTEMS CORPORATION	10.070
	STATE OF HAWAII	10.071
.....		10.072
		10.073

Minimum Qualification Specifications
For the Classes:

BIOMEDICAL ENGINEERING TECHNICIAN I, II, III & IV

Education Requirement:

Graduation from high school, or equivalent, and possession of a certificate of completion from a vocational school in the field of electronics, biomedical electronics or electronic technology or an Associate of Science degree in electronics, electronic engineering, biomedical electronics or electronics technology from an accredited institution.

Experience Requirement:

Except for substitutions provided in this specification, applicants must have had progressively responsible experience of the type and quality described below and in the amounts indicated in the following table:

Class Title	Specialized Experience (Years)	Supervisory Experience (Years)	Total Experience (Years)
Biomedical Engineering Tech I	0	0	0
Biomedical Engineering Tech II	2	0	2
Biomedical Engineering Tech III	5	0	5
Biomedical Engineering Tech IV	6*	**	6

Specialized Experience:

The experience must show that the applicant has gained a thorough knowledge of installation, repair, calibration, periodic maintenance and documentation of Type A (Clinical) and/or Type B (Imaging) equipment in the biomedical field in an acute care hospital setting. Such duties include troubleshooting; identifying causes of and correcting malfunctions on medical equipment; inspecting equipment on a regular basis; using test equipment to calibrate, diagnose, test and repair equipment; testing all patient care equipment prior to initial use; and training and instructing users in the use and care of equipment.

*For Biomedical Engineering Technician IV level, one year shall have been as a fully competent worker in either Type A (Clinical) or Type B (Imaging) biomedical

engineering experience, as described in Part I of Biomedical Engineering Technician III, class specifications.

Supervisory Experience: None required.

**For Biomedical Engineering Technician IV level, supervisory aptitude rather than supervisory experience may be accepted. Supervisory aptitude is the demonstration of aptitude or potential for the performance of supervisory duties through successful completion of regular or special assignments which involve some supervisory responsibilities or aspects; by serving as a group or team leader, previous work experience in a position that demonstrates or performs supervisory functions or in similar work in which opportunities for demonstrating supervisory capabilities exist; by completion of training courses in supervision accompanied by application of supervisory skills in work assignments; or by favorable appraisals by a supervisor indicating the possession of supervisory potential.

Quality of Experience:

Possession of the required amount of experience will not in itself be accepted as proof of qualification for a position. The applicant's overall experience must have been of such scope and responsibility as to conclusively demonstrate that the applicant has the ability to perform the duties of the position.

Substitutions Allowed:

Possession of the Certification as a Biomedical Equipment Technician obtained through written examination by the Association for the Advancement of Medical Instrumentation (AAMI) may be substituted for one (1) year of Specialized Experience.

Selective Certification:

Specialized knowledge, skills and abilities may be required to perform the duties of some positions. In such positions, applicants may be restricted to those that possess the pertinent experience and/or training required to perform the duties of the position.

Departments requesting selective certification must show the connection between the kind of training and/or experience on which they wish to base selective certification and the duties of the position to be filled.

Physical and Medical Requirements:

Applicants must be physically able to perform, efficiently and effectively, the essential duties of the position which typically require occasional sitting, standing, walking, reaching for and handling equipment; occasional climbing of ladders, stooping, squatting, bending at the waist and kneeling to install equipment. Fine finger dexterity required during equipment installations, inspections and performing repair work. Visual

acuity and depth perception required for all wiring work and equipment repair; color vision essential in distinguishing color-coded wiring and electronic components, and for safety reasons. Requires occasional pushing and pulling of equipment and materials on wheels to and from job sites, which may weigh in excess of fifty (50) pounds. With assistance in needed; occasional lifting and carrying in excess of fifty (50) pounds, with assistance if needed, during removal and installation of equipment, tools and parts. The ability to read without strain printed material the size of typewritten characters, glasses permitted, and the ability to hear the conversational voice, with or without a hearing aid, or the ability to compensate satisfactorily. Disabilities in these or other areas will not automatically result in disqualification. Those applicants who demonstrate that they are capable of performing the essential functions of the position will not be disqualified under this section.

Any condition that would cause applicants to be a hazard to themselves or others is cause for disqualification.

Any disqualification under this section will be made only after a review of all pertinent information including the results of the medical examination, and requires the approval of the Director of Human Resources.

Mental/Emotional Requirements:

All applicants must possess emotional and mental stability appropriate to the job duties and responsibilities and working conditions.

This is an amendment to the minimum requirements for the class BIOMEDICAL ENGINEERING TECHNICIAN I – V, to clarify supervisory aptitude, effective April 16, 2013.

This is the first minimum requirements for the class BIOMEDICAL ENGINEERING TECHNICIAN I/II/III/IV.

APPROVED: April 16, 2013

PAUL TSUKIYAMA
Director of Human Resources