

PART II	DEPARTMENT OF HUMAN RESOURCES DEVELOPMENT	7.502
	STATE OF HAWAII	7.504
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	Minimum Qualification Specifications	7.509
	for the Classes:	7.512
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	<u>ENGINEERING AID I, II, III, IV</u>	7.516
	<u>ENGINEERING TECHNCIAN V, VI, VII, VIII</u>	

Education Requirement:

Graduation from high school, or equivalent, with courses in mathematics.

Excess experience of the type and quality described below; or any responsible experience requiring a high degree of analytical skill may be substituted for education on a year-for-year basis.

Experience Requirements:

Except for the substitution provided for in this specification, applicants must have had progressively responsible experience of the kind and quality described below, and in the amounts indicated in the following table, or any equivalent combination of training and experience.

Class Title	Engineering-Support Exp (Yrs)	Supervisory Experience (Yrs)	Total Exp (Yrs)
Engineering Aid I	0	0	0
Engineering Aid II	1	0	1
Engineering Aid III	2	0	2
Engineering Aid IV	3	0	3
Engineering Technician V	4*	+	4
Engineering Technician VI	4*	+	4
Engineering Technician VII	4**	+	4
Engineering Technician VIII	4***	+	4

Engineering-Support Experience: Work experience in one or a combination of the engineering-oriented functions such as inspection, testing, designing, surveying, drafting, and construction, which required the knowledge of engineering terminology and the ability to use mathematical skills in the solution of engineering-support or engineering problems.

For the Engineering Aid II level, experience that involved simple, repetitive engineering supportive tasks may be considered as qualifying provided the experience demonstrates that the incumbent possesses the knowledge of engineering terminology and the ability to solve simple mathematical problems.

*For the Engineering Technician V and VI levels, at least one (1) year of the required experience must have been comparable to the Engineering Aid IV level, or two (2) years of experience must have been comparable to the Engineering Aid III level in the State service.

**For the Engineering Technician VII level, at least one (1) year of the required experience must have been comparable to the Engineering Technician VI level, or two (2) years must have been comparable to the Engineering Technician V level in the State service.

***For the Engineering Technician VIII level, at least one (1) year of the required experience must have been comparable to the Engineering Technician VII level, or two (2) years must have been comparable to the Engineering Technician VI level in the State service.

+Supervisory Experience: For positions that supervise, applicants must possess supervisory aptitude. 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 of supervision, e.g., by serving as a group or team leader; or in similar work in which opportunities for demonstrating supervisory capabilities exist; or by the completion of training courses in supervision accompanied by application of supervisory skills in work assignments; and/or by favorable appraisals by a supervisor in indicating the possession of supervisory potential.

Substitution Allowed:

Successful completion of coursework in an engineering technology curriculum leading to a degree or certificate at an accredited community college may be substituted for the required Engineering-Support Experience on the basis of fifteen (15) semester credits for six (6) months of experience, up to a maximum of two (2) years.

Quality of Experience:

Possession of the required number of years 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 level of responsibility as to conclusively demonstrate that he/she has the ability to perform the duties of the position for which he/she is being considered.

Selective Certification:

Specialized knowledge, skills and abilities may be required to perform the duties of some positions. For such positions, Selective Certification Requirements may be established and certification may be restricted to eligibles who possess the pertinent experience and/or training required to perform the duties of the position.

Agencies 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.

Tests:

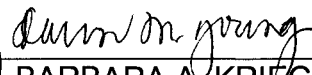
Applicants may be required to qualify on an appropriate examination.

Physical and Medical Requirements:

Applicants must be able to perform the essential duties and responsibilities of the position effectively and safely, with or without reasonable accommodation.

This is an amendment to the minimum qualification specifications for the classes Engineering Aid I, II, III and IV and Engineering Technician V, VI, VII and VIII, which were approved on March 12, 1969.

DATE APPROVED: 1/19/2012


for BARBARA A. KRIEG, Interim Director
Department of Human Resources Development