

PART II DEPARTMENT OF HUMAN RESOURCES DEVELOPMENT 5.594
STATE OF HAWAII 5.596

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Minimum Qualification Specifications 5.601
for the Classes:

ENVIRONMENTAL HEALTH SPECIALIST II, III, IV, V and VI
(ENVIRONMENTAL HEALTH SPCLT II, III, IV, V and VI)

ENVIRONMENTAL HEALTH SPECIALIST II
(ENVIRONMENTAL HEALTH SPCLT II)

5.594

Prerequisite Knowledge and Abilities Required:

Knowledge of: Basic principles and concepts of a chemical, biological or physical science; mathematics (e.g., college level algebra); problem solving methods and techniques; research methods and techniques; and report writing.

Ability to: Apply principles and concepts of a chemical, biological or physical science; understand and apply pertinent environmental/occupational health laws, rules and regulations, and investigational and inspectional methods and techniques; collect, analyze and evaluate data; solve problems and make recommendations; perform mathematical calculations to verify data and prepare standard reports; and communicate clearly and concisely both orally and in writing.

ENVIRONMENTAL HEALTH SPECIALIST III 5.596
(ENVIRONMENTAL HEALTH SPCLT III)

Prerequisite Knowledge and Abilities Required:

Knowledge of: Working knowledge of pertinent federal and/or State environmental/occupational health laws, rules and regulations; basic principles and concepts of a chemical, biological or physical science; working knowledge of investigation and inspection methods and techniques; mathematics (e.g., college level algebra); problem solving methods and techniques; research methods and techniques; and report writing.

Ability to: Understand and apply pertinent federal and/or State environmental/occupational health laws, rules and regulations; apply principles and concepts of a chemical, biological or physical science; conduct inspections and investigations; collect, analyze and evaluate data; solve problems and make recommendations on action to be taken; perform mathematical calculations to verify data

and prepare standard reports; communicate clearly and concisely both orally and in writing; and deal effectively with others.

ENVIRONMENTAL HEALTH SPECIALIST IV 5.598
(ENVIRONMENTAL HEALTH SPCLT IV)

Prerequisite Knowledge and Abilities Required: In addition to the knowledge and abilities required at the next lower level.

Knowledge of: Considerable knowledge of pertinent federal and State environmental/occupational health laws, rules and regulations; considerable knowledge of principles and concepts of a chemical, biological or physical science; good knowledge of investigation and inspection methods and techniques; utilization and maintenance of field testing equipment; program policies, procedures, goals and objectives; and familiarity with public relations.

Ability to: Independently conduct complex inspections and investigations; collect, analyze and evaluate technical data; solve complex problems and make sound recommendations on action to be taken; and prepare clear, concise and accurate reports.

ENVIRONMENTAL HEALTH SPECIALIST V 5.600
(ENVIRONMENTAL HEALTH SPCLT V)

Prerequisite Knowledge and Abilities Required: In addition to the knowledge and abilities required at the next lower level.

Knowledge of: Extensive knowledge of pertinent federal and State environmental/occupational health laws, rules and regulations; thorough knowledge of investigation and inspection methods and techniques; program operations, policies and procedures; and public relations.

Ability to: Independently conduct highly complex inspections and investigations; analyze a wide range of technical and/or specialized data and make comprehensive recommendations on action to be taken; and provide consultation and advisory services to the private and public sector.

ENVIRONMENTAL HEALTH SPECIALIST VI
(ENVIRONMENTAL HEALTH SPCLT VI)

5.601

Prerequisite Knowledge and Abilities Required: In addition to the knowledge and abilities required at the next lower level

Knowledge of: Comprehensive knowledge of program operations, policies, procedures and pertinent federal and State environmental/occupational health laws, rules, regulations and standards; principles and practices of effective supervision; and effective work organization and resource utilization.

Ability to: Plan, assign, review and evaluate the work of others; and organize and coordinate operational activities.

Basic Education Requirement:

Graduation from an accredited four (4) year college or university with a major in chemistry, physics, biology, zoology, environmental science or other closely related field of science. The coursework must have included at least three (3) semester credit hours in college algebra or higher.

Excess work experience as described under the Experience Requirements, below, or any other responsible administrative, professional or analytical work experience which provided knowledge, skills and abilities comparable to those acquired in four (4) years of successful study while completing a college or university curriculum leading to a baccalaureate degree in one of the above cited majors, may be substituted on a year-for-year basis. To be acceptable, the experience must have been of such scope, level and quality as to assure the possession of comparable knowledge, skills and abilities.

The education or experience background must also demonstrate the ability to write clear and comprehensive reports and other documents; read and interpret complex written material; and solve complex problems logically and systematically.

Experience Requirements:

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

Class Title	General Experience (Yrs)	Specialized Experience (Yrs)	Supervisory Experience (Yrs)	Total Experience (Yrs)
Environmental Health Spclt II	0	0	0	0
Environmental Health Spclt III	1	1/2	0	1-1/2
Environmental Health Spclt IV	1	1-1/2	0	2-1/2
Environmental Health Spclt V	1	2-1/2	**	3-1/2
Environmental Health Spclt VI	1	3-1/2	**	4-1/2

General Experience: Progressively responsible professional work experience which involved interpreting and applying principles, concepts and/or standards related to a chemical, physical, biological or related field of science; gathering, evaluating and analyzing facts and other pertinent information required to resolve problems and recommend appropriate courses of action. The work must have demonstrated the ability to identify problems and alternative solutions, use judgment in determining appropriate alternatives, and prepare clear and concise written reports and recommendations for action.

Specialized Experience: Progressively responsible professional work experience in a field of environmental/occupational health which demonstrated knowledge and understanding of environmentally hazardous substances (e.g., chemical, physical or biological substances) or pollutants and required knowledge and application of laws, rules, regulations, methods and techniques pertaining to an area of environmental/occupational health such as clean air, clean water, drinking water, solid and hazardous waste, oil spill, etc. The work must have involved gathering, analyzing and evaluating data related to environmentally hazardous substances; conducting inspections and/or investigations for hazardous environmental/occupational health conditions and ensuring compliance with applicable laws, rules and regulations; approving and issuing permits to conduct activities and/or operations in accordance with environmental health regulations; and/or advising others on complying with environmental/occupational health program laws, rules, regulations and standards.

Applicants for the classes Environmental Health Specialist IV and V must have had at least one (1) year of work experience comparable in scope and responsibility to the next lower level in State service. Applicants for the class Environmental Health Specialist VI must have had one (1) year of work experience comparable to the V level or two (2) years at the IV level in State service.

****Supervisory Aptitude:** For some positions in the class, 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; by serving as a group or team leader, or in similar work in which opportunities for demonstrating supervisory capabilities exist; by the 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.

Substitution Allowed:

1. Possession of a master's degree from an accredited college or university with a major in chemistry, physics, biology, zoology, environmental science or other related field of science may be substituted for one (1) year of the required General Experience.
2. Excess Specialized Experience may be substituted for the required General Experience.

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.

Special Requirement:

For certain positions, applicants must be able to swim, dive, drive a four-wheel vehicle, climb heights, hike rough terrain; and/or lift heavy equipment and supplies.

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:

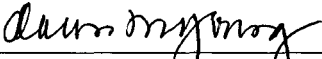
Applicants may be required to qualify on an appropriate examination.

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 ENVIRONMENTAL HEALTH SPECIALIST II, III, IV, V and VI, approved on July 9, 2007.

DATE APPROVED: 1/3/2012



for BARBARA A. KRIEG
Director of Human Resources Development