

Classification and Qualification



STANDARDS

The California State University System

Radiation Safety Officer

Class Code 3801

Date Established 11-02-71

Date Revised 01-01-78

Occupation Index Reference 1-3

DEFINITION:

Under general direction, the Radiation Safety Officer is involved in planning or assists in planning, implementing and conducting a collegewide radiation protection program and performs difficult professional work in the field of radiological health and safety in connection with health hazards and sources of radiation.

Examples of Typical Activities:

The Radiation Safety Officer may plan, implement and conduct, or assist in such efforts, a collegewide radiation protection program and maintain a general surveillance of all controlled radiation activity on the campus. The incumbents of positions in this class will plan and conduct difficult studies and investigations of radiological health hazards on the campus and will be responsible for instituting action to insure the correction of all potential radiation hazards in compliance with Federal, State and local safety laws and codes. The incumbents of these positions will also provide consulting services to all areas of the colleges in all aspects of radiation protection.

The Radiation Safety Officer must apply complex methods and techniques of radiation detection measurement and dosimetry based on the specific physical and biological factors involved and must coordinate the exposure records for individuals working in situations in which they may be exposed to radiation.

The Radiation Safety Officer will review plans and specifications for the installation of equipment and safety devices and will provide advice on the design and needed modification of the installation and, based on his knowledge of the programs of the college, assesses and plots distribution of radiation doses and calculates and assesses shielding requirements associated with the radiation sources.

The incumbents of positions in this class will coordinate the receipt and disposal of radioactive material with the user and the contracting disposal agent and will supervise the decontamination processes in the event of radiological incidents or accidents.

The Radiation Safety Officer may be responsible for and will participate in the orientation and instruction of the faculty, students and staff with respect to the radiation safety program.

MINIMUM QUALIFICATIONS:

Knowledges and Abilities:

Thorough knowledge of the theory and practice of health physics and radiation protection; thorough knowledge of radiation dosimetry and the theory, methods and equipment used to measure radiation levels; general knowledge of the various parameters entering into the evaluation of radiological hazards and the biological effects of ionizing radiation in the laboratory use of radio isotopes; working knowledge of the State and Federal radiation control laws and codes; working knowledge of atomic and nuclear physics and chemistry and radioactive waste disposal techniques and procedures.

Ability to plan and conduct difficult and complex investigations of radiological health hazards; ability to analyze situations and take effective actions; ability to speak and write effectively.

and

Experience:

Three years of progressively responsible professional experience in health, engineering, nuclear physics or a job-related field.

Possession of a master's degree in physical or life sciences, physics, or nuclear engineering may be substituted for one year of the required experience.

and

Education:

Equivalent to graduation from a four-year college or university in physical science, life science, physics, nuclear engineering or related fields.

Work Week Group: 4C
Premium O/T: No
Shift Differential: No
Employee Category: Administrative