

Environmental Health and Safety Technician

University of California, Los Angeles
September, 1976

Class Specifications - E.20

Principal Environmental Health and Safety Technician - 7141

Senior Environmental Health and Safety Technician - 7142

Environmental Health and Safety Technician - 7143

SERIES CONCEPT

Environmental Health and Safety Technicians perform and/or supervise technical duties in the fields of industrial hygiene, safety engineering, environmental sanitation, fire protection engineering and/or radiological health; and perform other related duties as required.

Incumbents typically perform technical work under the professional direction of an Environmental Health and Safety Technologist and perform a variety of technical assignments in one or more major areas of a campus environmental health and safety program. Positions in the Environmental Health and Safety Technician series are distinguished from positions in the Environmental Health and Safety Technologist series in that the professional technologists typically are assigned responsibility for planning, carrying out and/or supervising all activities in one or more major areas of a campus environmental health and safety program. Environmental Health and Safety Technicians typically provide technical support to the Environmental Health and Safety Technologists; however, technicians are expected to operate relatively independently within the scope of given assignments.

The series is broadly defined to include, but not necessarily limited to, the five specialty fields of industrial hygiene, safety engineering, environmental sanitation, fire protection engineering and radiological health. Incumbents are usually assigned technical duties emphasizing one major specialty field. They may, however, be assigned technical duties either in a functional manner involving more than one specialty field; or in an organizational manner covering an entire campus or major portion of a campus such as a hospital or large laboratory facility.

The following examples are illustrative of areas in which assignments may be made, and do not preclude allocation to the series of positions requiring equivalent technical knowledge and skill.

Industrial Hygiene

Technical responsibilities include control of exposures to chemical hazards, noise and nonionizing radiation; disposal of hazardous chemicals; pesticide surveillance, ventilation control; hearing conservation and heat stress evaluation.

Environmental Sanitation

Technical responsibilities include biological hazard control, laboratory animal care and control, pest control, food sanitation, water protection, surveillance of solid waste and sewage disposal, communicable

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disease prevention, swimming pool safety and sanitation, housing sanitation and epidemiological investigations.

Radiological Health

Technical responsibilities include monitoring of radiation usage, bioassay and dosimetry, collection and disposal of radioactive wastes, carrying out training in radiation safety procedures, and controlling the use of x-ray producing equipment.

Safety Engineering

Technical responsibilities include investigation and prevention of accidents, risk management and loss control, vision conservation, diving safety, emergency preparedness, identification analysis and correction of safety hazards and/or safety code deficiencies.

Fire Prevention Engineering

Technical responsibilities include design, construction and maintenance of structures in conformity with relevant codes and standards for fire prevention and life safety, fixed and portable emergency fire suppression equipment, evacuation of occupants from structures, design, testing and maintenance of fire alarm systems and fire prevention.

CLASS CONCEPTS

Principal Environmental Health and Safety Technician

Under general supervision incumbents perform the most difficult technical duties in one or more areas of a campus environmental health and safety program, typically involving coordination with various campus departments and may supervise lower level technicians in the performance of more routine technical assignments. Incumbents are expected to plan their work procedures and perform assigned duties independently.

Senior Environmental Health and Safety Technician

Under supervision incumbents perform the majority of duties outlined in the Series Concept for this class. This is the operational level at which incumbents are expected to operate independently in carrying out assigned duties of moderate difficulty.

Environmental Health and Safety Technician

Under close supervision incumbents perform entry level technical duties in one or more major areas of a campus environmental health and safety program. Assignments at this level are routine in nature and follow established guidelines and procedures. Work is subject to review by higher level environmental health and safety technical and professional staff.

MINIMUM QUALIFICATIONS

Principal Environmental Health and Safety Technician

Graduation from high school or a General Education Diploma and four years of experience in an environmental health and safety program, or two years of college including appropriate science courses and three years of experience in an environmental health and safety program; or an equivalent combination of education and experience; and knowledges and abilities essential to the successful performance of the duties assigned to the position.

Senior Environmental Health and Safety Technician

Graduation from high school or a General Education Diploma and two years of experience in an environmental health and safety program, or two years of college including appropriate science courses and one year of experience in an environmental health and safety program; or an equivalent combination of education and experience; and knowledges and abilities essential to the successful performance of the duties assigned to the position.

Environmental Health and Safety Technician

Graduation from high school or a General Education Diploma and one year of experience in an environmental health and safety program, or two years of college including appropriate science courses; or an equivalent combination of education and experience; and knowledges and abilities essential to the successful performance of the duties assigned to the position.