

## PUBLIC HEALTH LABORATORY TECHNICIAN

### NATURE OF WORK

This is professional laboratory work involving the performance of routine laboratory tests and analyses.

Work involves responsibility for the performance of routine chemical, physical, and bacteriological tests. Work also involves preparing solutions, media, and reagents used in various laboratory tests and examinations. Until the more difficult phases of work are learned, employees work under close supervision, but thereafter detailed instructions are received only upon the implementation of changes in procedures and on unusual or difficult matters. Supervision is received from an administrative or professional superior with work being reviewed in the form of reports, conferences, and accuracy of analysis rendered.

### EXAMPLES OF WORK PERFORMED

Prepares various solutions, media, and reagents.

Performs clinical laboratory procedures on blood, urine and feces; performs venereal screening, electrocardiograms, and provides phlebotomy services.

Assists in the research and development of laboratory procedures.

Performs chemical and bacteriological testing on water samples.

Performs related work as required.

### DESIRABLE KNOWLEDGE, ABILITIES, AND SKILLS

Knowledge of standard laboratory principles, techniques, terminology, equipment and materials.

Knowledge of the principles and practices of chemical, physical, and bacteriological tests and analyses.

Ability to apply standardized laboratory principles and practices to various tests, examinations and analyses.

Ability to learn the operation of specialized laboratory equipment.

Ability to understand and follow complex oral and written instructions.

Ability to communicate effectively both orally and in writing.

Ability to establish and maintain effective working relationships with co-workers, governmental officials, and the general public.

#### DESIRABLE TRAINING AND EXPERIENCE

Completion of an associate degree from an accredited college or university with major course work in chemistry, biology, microbiology, clinical applications or related field and experience as a laboratory technician.

#### MINIMUM QUALIFICATIONS

Graduation from a senior high school or equivalent supplemented by college level course work in chemistry, biology, bacteriology, microbiology or related field or any equivalent combination of training and experience which provides the desirable knowledge, abilities and skills.

#### NECESSARY SPECIAL REQUIREMENTS

Technician certification by the American Society of Clinical Pathologists or an equivalent national certifying agency.

Possession of a valid driver's license when operating a vehicle is necessary to the satisfactory performance of assigned duties.

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