

## PUBLIC HEALTH LABORATORY TECHNOLOGIST

### NATURE OF WORK

This is a 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. Employees in this class are expected to exercise considerable judgement and personal initiative in assigned duties based on knowledge gained through experience. Supervision is received from an administrative or professional superior with work being reviewed in the form of reports, conferences, and accuracy of analysis rendered. Supervision may be exercised over subordinate staff.

### EXAMPLES OF WORK PERFORMED

- Prepares various solutions, media and reagents.
- Prepares and evaluates quality control testing for laboratory procedures and equipment.
- Performs trouble-shooting for sophisticated laboratory equipment.
- Performs clinical laboratory procedures on blood, urine and feces; performs venereal screening, electrocardiograms, and provides phlebotomy services.
- Performs chemical and bacteriological testing on water samples.
- Assists in the training of subordinate staff.
- Assists in the research and development of laboratory procedures.
- Assists in the development of laboratory budget.
- Assists in the evaluation and purchasing of new laboratory equipment.
- May supervise subordinate staff.
- Performs related work as required.

### DESIRABLE KNOWLEDGE, ABILITIES AND SKILLS

Considerable knowledge of standard laboratory principles, techniques, terminology, equipment and materials.

Considerable 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

Graduation from an accredited four year college or university with major course work in chemistry, biology, microbiology, clinical applications or related field and experience as a laboratory technologist.

#### MINIMUM QUALIFICATIONS

Graduation from an accredited four year college or university with major course work in chemistry, biology, microbiology, clinical applications or related field; or any equivalent combination of training and experience which provides the desirable knowledge, abilities, and skills.

#### NECESSARY SPECIAL REQUIREMENTS

Technologist 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.

11/12

PS3674