

Specification for Class of

LABORATORY TECHNICIAN 1

Abolished Effective July 1, 2007

Definition: Performs technical work in a clinical, chemical or research laboratory.

Typical Work

Performs routine physical, chemical, and biological analyses of laboratory specimens and cultures following clearly defined laboratory procedures;

Performs a variety of standard laboratory tests and analyses including hematology, chemistry, parasitology, urinalysis, bacteriology, mycology, and other tests as directed;

Operates a variety of routine laboratory equipment;

Makes bacteriological examinations of milk, water and food products; prepares and sterilizes solutions used in laboratory testing;

Operates laboratory analytical equipment, microscopes, centrifuge, autoclave, spectrophotometer, analytical and electronic balances, and other laboratory equipment;

Prepares, washes, and sterilizes laboratory glassware, pipettes, and other laboratory equipment;

Performs other work as required.

Knowledge and Abilities

Knowledge of: laboratory principles, practices, and techniques, care and operation of laboratory equipment; fundamental knowledge of specialties such as bacteriology, serology, hematology, parasitology, histology, microscopy, immunology, organic and biochemistry, clinical and pathological laboratory tests; laboratory equipment, supplies, and reagents; report preparation.

Ability to: use laboratory equipment; understand and follow detailed written and oral instructions, formulae and charts; prepare clear and concise reports; maintain cooperative working relations with others; distinguish colors.

Minimum Qualifications

Four years of clinical, chemical, public health or related laboratory experience at a level equivalent to Laboratory Assistant or higher.

College education involving major study in a laboratory science may be substituted, year for year, for the required experience.

Completion of a course for laboratory assistants, approved by the American Society of Clinical Pathologists, may be substituted for two years of the required experience.

Note: Selective certification may be authorized for training or experience in a specific laboratory field.

General revision: 1-1-68

Revised minimum qualifications: 5-5-72

General revision: 2-15-85