

## LABORATORY TECHNICIAN SUPERVISOR

NATURE OF WORK IN THIS CLASS:

This is supervisory and complex technical laboratory work.

Employees in this class supervises a unit performing a variety of complex technical laboratory duties.

ILLUSTRATIVE EXAMPLES OF WORK: (Any one position may not include all the duties listed, nor do the examples cover all duties which may be performed.)

Supervises the maintenance of general laboratory equipment of various complexity including gas chromatographs, electronic equipment, spectrophotometers, ultrasonic generators, rotary vacuum evaporators, pH meters, microcoulometer, and combustion furnace; ensures reagent quality of chemicals reprocessed and purified in the laboratory.

Supervises the work of lower level technicians performing various laboratory maintenance, preparation of media and specimens, and participates in performing standardized analyses.

Supervises and participates in preparing a wide variety of culture media solutions and other items from standardized recipes.

Assists professional laboratory personnel in performing examinations of spinal fluid, water, dairy products, and other specimens submitted.

Supervises the preparation of specimen collection packages includign the preparation of containers requiring and addition of preservatives, buffers, and other additions.

Instructs lower-level technicians in the use of autoclaves, automatic pipettes, sterilizers, balances, pH meter and related equipment.

Assists in planning and developing experimental designs of biological and analytical methods for comprehensive long-range plans.

Keeps records and reports of all activities performed.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of standard and complex laboratory instruments, equipment, and techniques.

Knowledge of materials, techniques, and procedures of general and specialized laboratory testing and analysis.

Technical knowledge of the biological or physical sciences as applied to particular laboratory assignment.

Ability to supervise the work of others.

Ability to perform complex laboratory tests requiring technical judgment in determining and using proper procedures and interpreting results.

Ability to work effectively with the public and employees.

Ability to communicate effectively, orally and in writing.

Skill in the use and care of laboratory equipment.


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MINIMUM EXPERIENCE AND TRAINING:

(A) Four years of experience in laboratory work, including three years of varied laboratory testing and analysis work, and successful completion of 22 semester hours in biology, chemistry or closely related sciences; or

(B) Any equivalent combination of experience and training which provides the minimum knowledge, abilities and skills.

Established: July 1980

  
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DAVID R. FLORES, Executive Director,  
Civil Service Commission