

MEDICAL TECHNOLOGIST

Nature of Work

Under general supervision, performs work at the advanced level by providing technical assistance and consultation to medical laboratory technicians. Conducts complex or advanced medical laboratory tests in clinical areas such as chemistry, hematology, urinalysis, bacteriology, serology, parasitology and blood banking to provide data for use in the treatment and diagnosis of diseases of patients at state operated facilities or local health department clinics. Also performs required laboratory tests for facility staff. May train and supervise subordinate laboratory or clinic personnel. Performs related work as required.

Examples of Work

Collects, cultivates, isolates, identifies and analyzes specimens; cuts, stains and mounts tissue sections for microscopic analysis; and groups, types and cross-matches blood donors and recipients to assure compatibility.

Reviews the testing activities of subordinate laboratory or clinic personnel by assisting in test problem resolution, ensuring that quality control standards are met and maintained, and assisting with equipment maintenance.

Performs required maintenance and calibration of equipment.

Maintains required state and federal documentation and prepares final reports.

Conducts appropriate clinical test preparation and processing procedures and microscopic analysis of test results.

Prepares and sends specimens to reference laboratories as necessary.

Inventories and orders supplies.

Knowledge, Skills and Abilities

Knowledge of appropriate medical laboratory testing procedures.

Knowledge of standard laboratory safety practices.

Skill in the maintenance of laboratory equipment and calibration of diagnostic equipment.

Ability to prepare and maintain required records and reports.

Ability to train and supervise subordinate laboratory or clinic personnel.

Minimum Qualifications

TRAINING Baccalaureate degree from an accredited four-year college or university in an accredited medical technology program.

OR

Baccalaureate degree from an accredited four-year college or university with a degree in the physical or natural

MEDICAL TECHNOLOGIST (CONT'D)

Minimum Qualifications (cont'd)

sciences which included six hours each in biology and chemistry and three years experience performing medical laboratory tests as described above.

OR

Registration as a Medical Technologist by the National Certification Agency for Medical Laboratory Personnel.

OR

Associate degree from an accredited college or university in an accredited medical laboratory program and two years experience performing medical laboratory tests in the areas of blood banking, chemistry, hematology, bacteriology, parasitology, serology, and urinalysis.

OR

High school graduation or equivalent and seven years of experience performing medical laboratory tests in the areas of blood banking, chemistry, parasitology, serology, urinalysis, bacteriology, and hematology.

EXPERIENCE: Two years of full-time or equivalent part-time paid experience in excess of that described above.

Established: 8/20/92

Effective: 9/15/92