



Classification: Forensic Laboratory Technician III (DNA Casework/Screening)

Title Code: V00675

Pay Range: 20

POSITION SUMMARY: This is an advanced level technical position where the employee is responsible for providing direct support to the Criminalists in the DNA Casework/Screening section by maintaining laboratory equipment, preparing reagents, and performing quality assurance and quality control functions. Work is performed with considerable independence within the framework of established policies and procedures. This employee will work with evidence under the supervision of a Criminalist, will screen samples, prepare instruments for analysis, and generate instrument data.

DESCRIPTION OF DUTIES PERFORMED: (Any one position may not include all of the duties listed nor do the listed examples include all tasks which may be found in positions of this class.)

Provides direct support to the Criminalists in the section.

Performs the duties of an Evidence/Case Coordinator. These duties include, but are not limited to: documenting and reviewing all requests for analysis, checking on cases to verify information when discrepancies exist, verifying examinations are still needed, updating and maintaining all electronic case assignment logs and verifying the criminalist is still needed for court.

Monitors and produces case metrics on cases worked to include grant statistics and reporting, as well as compile various statistics for the section supervisor.

Works with a variety of potentially hazardous materials (e.g., pathogen contaminated body fluids, unidentified chemicals).

Operates standard office equipment (e.g., computer, telephone, fax machine, copier, etc.).

Reviews and assists in revising laboratory controlled documents (e.g., standard operating procedures, training, quality control, safety manuals) and publications.

Performs proper reagent and standard preparation and labeling.

Performs the operation, maintenance, repair, and routine quality control checks of instruments and equipment.

Successfully completes competency and/or written test(s) prior to assuming casework.

Successfully participates in the proficiency testing program for the discipline in which the employee is competency tested.

Prepares evidence and exhibits; maintains report files; issues periodic and special reports as assigned.

Testifies as an expert witness in a court of law while maintaining composure under intense cross examination.

Generates and receives requests to and from other crime laboratories, which typically involves other law enforcement agencies, prosecutors, attorneys, etc.

Assists with providing training to law enforcement, Department of Corrections employees, etc.

Performs data entry, filing, inventory, maintaining records, ordering, and stocking supplies to include common and individual workspaces.

Opens cases, lists evidence, performs examinations, and records information into the Laboratory Information Management System (LIMS).

Assists criminalists in validation processes.

Prepares reference standards and casework samples for analysis.

Performs visual as well as presumptive and confirmatory analytical tests where appropriate to identify biological stains such as blood and semen from casework evidence.

Prepares written laboratory reports related to the analytical results of casework.

Monitors and tracks expenditures for the section budget and grant funds, and compiles various statistics for the section supervisor.

Perform secondary or technical review when necessary.

Outsource cases or samples to vendor labs if necessary.

Provides training to laboratory technicians in the proper methods of maintenance and operation of laboratory equipment, preparation of reagents, and performing quality assurance and quality control functions.

Performs job-related travel as needed.

Performs discipline-related duties as assigned.

Performs other related duties as assigned.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES: Thorough knowledge of accreditation compliance criteria.

Knowledge of state and federal laws, rules, regulations, and Patrol policies.

Ability to participate in a formal and on-the-job training program.

Ability to perform work in accordance with prescribed procedures, make accurate observations of test results, and prepare accurate records and reports.

Ability to remain impartial in performance of laboratory activities (e.g., purchasing supplies, analyzing evidence, testifying in court).

Ability to maintain composure while under cross-examination regarding personal and scientific qualifications and testify to laboratory findings in court.

Ability to establish and maintain effective working relations with others.

Ability to work with restricted, highly sensitive information in a confidential and professional manner and maintain the information as such.

Ability to distinguish colors necessary to perform laboratory tests.

Ability to examine forensic evidence and recognize and identify minute details.

Ability to properly use laboratory equipment, computer and photography equipment, and chemicals.

Ability to perform job related travel (e.g., appearing in court, observing crime scene investigations, attending training meetings and seminars, etc.).

Thorough knowledge of the safety rules and procedures associated with laboratory equipment and chemicals.

Ability to work with potentially hazardous materials as detailed in the description of duties.

Ability to gather, assemble, correlate, and analyze facts to be incorporated into a laboratory report.

Ability to compile and prepare information for presentations (e.g., mock trials, courtroom testimony, depositions, pretrial conferences, meetings, etc.).

Ability to train others on the collecting, examination, and preparation of evidence.

Ability to successfully complete competency test(s) prior to assuming casework.

Ability to generate and receive requests for information from a variety of individuals regarding forensic science.

Ability to discuss graphic topics with competence, impartiality and professionalism.

Ability to stand for extended periods and lift moderate loads (30 pounds).

Ability to perform basic mathematical operations, including algebraic calculations; the ability to calculate volumes, weights, and measures; the ability to utilize and interpret statistics.

Ability to exercise judgment, decisiveness, and creativity in situations involving the direction, control, and planning of an entire program or set of programs.

Ability to organize, coordinate, manage, and/or correlate data and present it to a group in a clear and concise manner.

Must possess excellent communication and presentation skills including the ability to communicate clearly and concisely to a wide range of individuals.

Ability to maintain accurate manual and computer databases, inventories, and QA/QC logs.

Ability to plan daily activities and work independent of direct supervision.

Ability to read English effectively.

Ability to communicate in English clearly and concisely, both orally and in writing.

Ability to work with material that may be of a sexual nature relating to criminal activity (e.g., written material, photographs, and/or verbal language, etc.).

Ability to work hours as assigned.

MINIMUM EXPERIENCE AND EDUCATION REQUIRED: (The following represents the minimum qualifications used to accept applicants, provided that equivalent substitution may be permitted in case of deficiencies in either experience or education.)

Possess a Bachelor's degree in a related field, and two years of work experience utilizing the knowledge, skills and abilities associated with this position.

OR

Two consecutive years of experience as a Forensic Laboratory Technician II within the Missouri State Highway Patrol's Crime Laboratory Division.

NECESSARY SPECIAL REQUIREMENTS: Must provide a DNA sample to be used only for forensic identification as required at the time of appointment.

Must be able to pass a polygraph examination after conditional offer of employment.

Must submit to periodic random drug testing.

Must possess and/or obtain and maintain a valid driver's license.

FLSA STATUS: Non-Exempt

WORK SCHEDULE: An employee in this position works an eight-hour shift as directed; however, working hours are subject to change at the discretion of the commanding authority.