

FORENSIC SCIENTIST 2

KIND OF WORK

Second-level professional forensic scientific work in making chemical, physical and instrumental analysis of evidence gathered in law enforcement work.

NATURE AND PURPOSE

An employee in this class is responsible for performing a wide variety of complex analytical examinations. The employee serves as an expert witness in court relative to all evidential examination findings made in his/her appropriate field of crime laboratory work. The employee trains Crime Investigators and others in recognizing and preserving evidence, and in crime laboratory principles, practices and functions. The work involves the examination of evidence in more complex cases and those cases which may be expected to be highly controversial.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Receives, records, retains, and returns or disposes of evidence submitted to the laboratory so that the chain of possession is properly maintained for court presentation.

Identifies unknown materials by qualitative, quantitative, comparative or other laboratory or microscopic analysis procedure to establish proper identification for criminal proceedings.

Prepares and maintains records and reports so that the laboratory and submitting agency have a permanent record.

Testifies in court so that the expert testimony may be used in reaching proper adjudication.

Conducts research for improvement of laboratory procedures and practices so that the operation will be most efficiently run.

Performs related work as required.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

Considerable knowledge of the principles and practices of analytical chemistry and physics.

Considerable knowledge of criminal court procedures and practices with special reference to rules of evidence, and ability to testify as an expert witness.

Thorough knowledge of the federal, state and local criminal laws and regulations.

Considerable knowledge of the functions and procedures of all sections of the crime laboratory.

Considerable knowledge and expertise with regard to examinations, analysis and interpretation of results.

Ability to:

Ability to make thorough inspections, to ascertain facts by investigation and to obtain and evaluate evidence.

Ability to organize, assemble and write detailed technical reports. Sufficient academic credentials to qualify and testify effectively in courts of law concerning laboratory examinations conducted.

Est.: 10/23/57
Ckd.: 10/77, 10/92

T.C.:
Former Title(s): Crime Laboratory
Analyst 2