

2. Qualifications and Training of Personnel

All persons involved in the chemical analysis of evidence will have the appropriate education, training and laboratory experience.

A. Job Description

A current copy of all job descriptions for employees in the Drug Chemistry Section will be maintained by the Section Supervisor.

B. Education, Training, and Qualifications of Persons Engaged in Chemical Analysis

1. General Requirements

All chemists in the Drug Chemistry Section will possess a minimum of a baccalaureate degree in chemistry or a closely related science.

2. Requirements for Individuals Performing Chemical Analysis

All chemists will meet the general requirements and meet these following additional requirements prior to performing chemical analyses upon evidence.

a. Successful completion of the Drug Chemistry Section Chemist Training Program, which includes:

- (1) Survey of drug classes and structure
- (2) Color testing
- (3) Ultraviolet spectroscopy
- (4) Thin-layer chromatography
- (5) Acid-base theory and separation methods
- (6) Infrared spectroscopy
- (7) Marijuana analysis and microscopic techniques
- (8) Gas chromatography
- (9) Mass spectrometry
- (10) Case reports, policy and review
- (11) Expert testimony and mock trial

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- b. Successful completion of written tests and exercises related to the above training program.
- c. Successful identification of a series of proficiency samples.
- d. Successful completion of a mock court session.

3. Experience

Prior to performing the chemical analysis of evidence, the chemist should have a minimum of twelve months of laboratory experience in addition to the laboratory experience required for a baccalaureate degree.

- 4. The chemist should maintain knowledge of developments within the field by reviewing current scientific literature in addition to attending seminars, professional meetings, and other training sessions. Management should provide chemists with an opportunity to comply with the above goals.

5. Training Records

Documentation of all training activities will be maintained by the Section Supervisor.