

4. Letter of Authenticity

The letter of authenticity must:

Include a letter of authenticity from the applicant's supervisor[†].

- Be printed on original institutional letterhead
- State that the documentation form was completed, signed, and dated by the supervisor[†].
- Contain a wet signature

[†]The supervisor is defined as the person who directly oversees the applicant's technical experience, can verify the applicant's competency, and who may have titles including supervisor, laboratory manager, program director, educator, etc.

Guidelines for Evaluating Experience of a Candidate

To qualify for certification as a medical laboratory technician, the applicant should be competent to perform the following tests and procedures. The medical laboratory technician should have the knowledge and skills equivalent to that of a Medical Laboratory Technician Program graduate.

Blood Banking (Immunohematology)

Extent of Experience

- Specimen collection, evaluation, and processing
- ABO, Rh, and other blood group system typing
- Antibody detection and identification
- Compatibility testing
- Direct antiglobulin test
- Transfusion adverse reaction testing
- Processing and administration of blood products
- HDFN testing*
** Competency for this task may be demonstrated through performance, observation, or simulation.*
- Instrument preventive maintenance and troubleshooting
- Quality control / assurance
- Laboratory safety

Chemistry

Extent of Experience

- Specimen collection, evaluation, and processing
- Basic analytical methodology including electrolytes, blood gases*, glucose, blood urea nitrogen, creatinine, bilirubin, enzymes, lipids, and proteins
** Competency for this task may be demonstrated through performance, observation, or simulation.*
- Immunoassays
- Endocrinology and tumor markers
- Therapeutic drug monitoring / toxicology*
** Competency for this task may be demonstrated through performance, observation, or simulation.*
- Instrument preventive maintenance and troubleshooting
- Quality control / assurance
- Laboratory safety

Hematology

Extent of Experience

- Specimen collection, evaluation, and processing
- Blood smear preparation, evaluation, and differential
- Complete blood count
- Miscellaneous tests (e.g., reticulocyte, ESR, sickle screen)
- Routine coagulation tests (e.g., PT, APTT, D-dimer)
- Instrument preventive maintenance and troubleshooting
- Quality control / assurance
- Laboratory safety

Microbiology

Extent of Experience

- Specimen collection, evaluation, and processing
- Antibiotic susceptibility testing*
** Competency for this task may be demonstrated through performance, observation, or simulation.*
- Culture evaluation*
** Competency for this task may be demonstrated through performance, observation, or simulation.*
- Media selection
- Microscopic examination of specimens
- Manual, automated, and/or molecular methods for detection and identification of microorganisms
- Instrument preventive maintenance and troubleshooting
- Quality control / assurance
- Laboratory safety