

Level 1 Laboratory Technician

Strategic Work:

1. Provide assistance to technicians at a higher level while learning laboratory skills to advance to the next level.
2. Train employees at lower levels to perform Level 1 Laboratory Technician tasks.
3. Ability to perform tasks at lower levels very efficiently.
4. Learn to perform tasks at higher levels of responsibility under supervision.
5. Perform required documentation of test set-ups, test procedures, and complex test assemblies.
6. Ability to prepare complex assemblies for testing.
7. Must be able to judge test assembly workmanship and maintain consistent quality.
8. Must be capable of setting up tests in a consistent and repeatable manner.
9. Perform less-defined tests that require moderate judgment and decision making abilities.
10. Must be able to identify modes of failure related to HUD tests.
11. Perform all work in accordance with NTA's QA and technical procedures.

Tactical Work:

1. Prepared well-defined assemblies and perform well-defined tests that have well defined criteria with little or no supervision and tasks requiring judgment related to specimen quality and setup of test in consistent/repeatable manner.
 - a. Examples of well-defined assemblies are:
 - i. HUD shearwall or negative wind tests
 - ii. Periodic Verification testing for NTA certification programs.
 - iii. ASTM E162 and FMVSS 302 fire tests.
2. Correctly document assembly components and create sketches as necessary for complete documentation.
3. Enter and review handwritten data into computer.
4. Tasks at lower levels of responsibility, when required.
5. Learn to perform tasks at higher levels of responsibility under supervision.
6. Train, instruct and oversee personnel in performing Level 1 Laboratory Technician tasks.
7. Perform all work in accordance with NTA's QA and technical procedures and notify supervisors when tasks cannot be completed in accordance with established procedures.

Requirements:

Preferred Education:

1. High school diploma or equivalent.

Preferred Experience:

1. Minimum of six months as Measurement Technician at NTA (1 year total experience at NTA) or equivalent training.

Skills, Knowledge and Abilities

1. Basic knowledge of building construction, building materials, and construction tools and equipment.

2. Ability to correctly document unique and complex specimens identifying and accurately documenting unique aspects of specimens.
3. Ability to learn from others through mentoring by more experienced lab personnel.
4. Ability to train, instruct and oversee personnel in performing Level 1 Laboratory Technician tasks.
5. Knowledge of ISO17025 requirements and NTA quality assurance and technical procedures pertaining to Test Lab operations.
6. Detailed knowledge of HUD test procedures and general knowledge of other test procedures.
7. Possess interpersonal skills and ability to relate effectively at all organizational levels, and to develop positive relationships with co-workers and NTA executive management.