



Senior Lab Electronics Technician

Hamilton Associates, a diverse, growth-oriented, Lean-driven, ISO-Certified manufacturing company is currently seeking a **Senior Lab Electronics Technician** to join our Air Techniques International (ATI) team. For additional information about our Company and each of our divisions and our product lines, please visit our websites at www.hamiltonassoc.com, www.elscoguides.com, www.atitest.com, and www.dirtkiller.com.

Air Techniques International (ATI), a division of Hamilton Associates, Inc., is the leading designer and manufacturer of specialized test equipment for HEPA and ULPA filters, flat sheet media, filter cartridges and respirators used by virtually all government, military and commercial organizations worldwide. ATI strives to build a brand identity of being known as reliable and easy to work with. Our Customer Service team plays a key role in this strategic goal to establish and engrain that desired brand identity. To help support this desired brand and succeed in achieving our strategic business goals, the company is building an organizational culture of teamwork, engagement, learning, and continuous improvement/innovation.

POSITION OVERVIEW

Reporting to our Advanced Products Group Lead, the **Senior Lab Electronics Technician's** responsibilities include building, troubleshooting and operating various electronic and electro-mechanical test and manufacturing fixtures, calibration jigs, etc. Perform verification tests, stock and maintain lab supplies, ensure equipment is calibrated and maintained, as needed, and plan space, equipment and supplies for new projects.

Responsibilities include, but are not limited to:

1. Assist Engineers in designing, building, troubleshooting and operation of various test fixtures, calibration jigs and prototypes as well as fixtures that will eventually be transferred to manufacturing.
2. Use various lab equipment such as oscilloscopes, logic analyzers, soldering stations, and various hand tools needed to assemble fixtures.
3. Use equipment control and data collection systems such as LabView or similar.
4. Record and maintain various test results in Excel, LabView, or similar, and summarize results in test reports.
5. Compile lists of parts and supplies; order, maintain and manage the inventory.
6. Read and understand electrical, mechanical, and pneumatic schematics, assembly drawings and work procedures.
7. Accurately recognize and diagnose non-conforming test results.
8. Maintain 3D printing equipment.
9. Maintain accurate record keeping and documentation to meet the above requirements.
10. Keep the Engineering Lab in good order.
11. Perform other duties as assigned.

Minimum Background and Skills Required:

- Associates Degree in Electronics or Mechanical Engineering or H.S. Diploma plus equivalent Technical Certification in Electronics, Mechanical or similar
- 7+ years of experience as an electronic technician in a lab-type environment
- Ability to read and interpret work instructions, schematics and wiring diagrams
- Advanced troubleshooting skills with electronic and electro-mechanical products and systems
- Soldering skills including surface mount and rework
- Familiarity with equipment control and data collection systems such as LabView
- Proficient Microsoft Office skills

- Excellent communication skills and ability to follow engineering's detailed instructions – and to provide input for improvement / optimization
- Strong skills in organizing and maintaining a lab

Additional Background and Skills Preferred:

1. Electronics training and/or experience in a regulated environment such as medical instrumentation, electronic testing equipment, aeronautics
2. Ability to develop and document test processes for electronic equipment
3. Experience with Opto-Mechanical assembly
4. Experience operating and maintaining 3D printers

PHYSICAL REQUIREMENTS AND WORKING CONDITIONS

- Light Physical Work
- Walking
- Carrying up to 20 lbs.
- Climbing ladders
- Speaking
- Hearing
- Visual Acuity

COMPENSATION & BENEFITS

We offer an attractive compensation package in addition to a comprehensive benefits program including health insurance, 401(k) plan with matching and profit sharing, generous paid time off (PTO) policy, life & disability coverage, plus much more!

CONTACT US

If you are a driven, results-oriented individual seeking an opportunity to play a key role in the continuing growth of a reputable organization, please forward your resume, in WORD or PDF format, along with your salary history/requirements, to us for immediate consideration: ati.resumes@hamiltonassoc.com

AIR TECHNIQUES INTERNATIONAL

A Division of Hamilton Associates, Inc.

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We are an Equal Employment Opportunity (EEO) employer.

Qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, sexual orientation, gender identity, disability or protected veteran status.