



## **SENIOR ELECTRONICS TECHNICIAN**

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

As our **Senior Electronics Technician**, this individual will report to our Production Manager and will be responsible for the assembly, calibration, repair, troubleshooting and testing of electro-mechanical instrumentation equipment. Our Senior Electronics Technicians also provide back-up assistance relating to customer service inquiries and problems. In addition to assisting our customers in problem solving, our **Senior Electronics Technician** will ensure that all finished products adhere to the Company quality expectations.

Responsibilities include, but are not limited to:

- Calibrate, repair, test and troubleshoot electro-mechanical instrumentation equipment. May also assemble equipment for Engineering. Assembly includes all electronic sub-assemblies to the finished-product stage.
- Assemble cable harnesses for prototypes, as well as assemble printed circuit board with through-hole and surface mount components place components, IC's, fine-pitch parts, solder, hot-air rework, SMT, debug and test engineering prototypes.
- Read and understand electrical, mechanical, and pneumatic schematics, assembly drawing and work procedures.
- Utilize various electronic test equipment, such as meters, oscilloscopes and power supplies.
- Perform minor soldering and electronic repair.
- Troubleshoot electro-mechanical assemblies to the component level.
- Accurately recognize and diagnose non-conforming test results.
- Regular maintenance and calibration on general test equipment and test benches.
- Monitor required inventory levels and notify Inventory Control of inventory shortages.
- Inspect incoming materials for accuracy and quality and maintain a neat, clutter-free and safe work area.
- Provide back-up for packaging and preparing finished products for shipment.
- Provide back-up assistance for customer service inquiries or problems.
- Use computer systems to enter data to close work orders and/or complete calibration certificates.
- Perform other duties as assigned.

### **Minimum Background and Skills Required:**

- H.S. Diploma or equivalent, Associates or Technical Certification in Electronics or similar.
- Minimum of 4 years of electronics experience in a working environment.
- Ability to read and interpret work instructions, schematics and wiring diagrams.
- Advanced trouble-shooting skills.
- Ability to accurately recognize non-conforming test results and suggest remedial action.
- Intermediate soldering skills.
- Knowledge of basic and digital electronic theory.
- Familiar with signal generators, spectrum analyzers, and power meters.
- Intermediate Microsoft Office skills (Excel, Word, Outlook).
- Ability to lift, carry, push, pull, or move objects of up to 35 lbs. as required throughout the work day; physical activity includes frequent bending, reaching, standing, and walking.
- Good communication skills and able to follow engineering's detailed instructions, and to offer ideas for improvement / optimization.

### **Additional Background and Skills Preferred:**

- Electronics training and/or experience in a military environment or related industry such as medical instrumentation, electronic testing equipment, aeronautics, HVAC, etc.
- Related experience in pneumatic systems, pressure & flow monitoring equipment, aeronautics and HVAC repair.
- Background in Lean Manufacturing and continuous improvement.
- Experience using ERP/SAP Systems.
- Ability, with training, to use PC-based applications such as the Intranet, Adobe Acrobat, Microsoft Word, Microsoft Excel to view assembly and test instructions, and to create the work records, memos, documents and charts described above.
- Ability to develop and document test processes for electronic equipment.
- Familiar with aerosol theory.

### **PHYSICAL REQUIREMENTS AND WORKING CONDITIONS**

- Occasional Sedentary Work
- Frequent Standing
- Lifting to 35 pounds repetitively
- Walking
- 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](mailto: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.*