

ELECTRICAL TECHNICIAN/ ASSISTANT ELECTRICAL ENGINEER

SeaLandAire Technologies, Inc. is looking for a self motivated, hands-on technician to contribute to our fast paced research and development team. We are striving to reduce the time between prototype iterations to maximize the opportunity to learn and improve our designs. The purpose of the position is to assist our project teams in the assembly and testing of prototypes, deliverables and production units. By improving our ability to quickly build and test our innovative prototypes, this individual will play an important role in shaping SeaLandAire's culture.

Job responsibilities cover the entire design, assembly and testing process for our complex electro-mechanical systems: supporting electronic part selection / evaluation, building complex wire harnesses, winding small inductor / transformer / motor assemblies, populating printed circuit boards, installing & loading software and firmware, system calibration, testing of various performance parameters (e.g. power efficiency, noise floors, amplifier frequency response and phase, cross talk, measurement linearity, bias, and drift), and maintaining detailed records of assembly and test methods.

The successful applicant must exhibit a strong aptitude for quality control methodologies, demonstrate the ability to quickly understand complex electro-mechanical assemblies, be familiar with proper electronics handling techniques, and demonstrate a desire to work on cutting edge technologies for delivery to military and scientific customers. Exposure to or experience with acoustic testing, strain gauge application, load cell testing, motor / generator characterization, and / or Labview are all considered extremely advantageous. This position will require occasional travel for off-site test support. Applicants should have proof of US citizenship and meet eligibility requirements for a security clearance.

Technical proficiencies

- Comfortable using a wide range of test equipment (logic analyzers, oscilloscopes, power supplies, precision signal amplifiers, data acquisition cards, etc.)
- Experience referencing PCB schematics
- Highly proficient with Microsoft Office tools (Word, Excel, and PowerPoint)
- Strong understanding of the scientific method
- Hand-soldering, reflow oven operation, and general PCB rework

Education & experience

- Associate Degree in a related discipline or 3 years or more of hands-on experience

Personal characteristics

- Work well in both individual and group situations
- Ability to finish what others start (tie up loose ends)
- Excellent written and verbal communication skills
- Strong interest in learning new technology areas, particularly in areas of test and measurement
- Meticulous and highly organized

We would like to have a new Electrical Technician join our team by 4Q 2013. If you're interested, please send your resume to our HR department (humanresources@sealandaire.com).

SeaLandAire is a small business founded in 1997. Our specific areas of expertise include:

- Advanced energy systems
- Unattended sensor platforms
- Sensor systems

SeaLandAire offers a benefits plan which includes medical, AFLAC, paid vacation, and IRA retirement savings. We are located in Jackson, Michigan. For more information about SeaLandAire, please explore www.sealandaire.com, and for more about the surrounding area, visit <http://www.visitjacksonmi.com> and <http://travel.michigan.org>.