



WESMAR, a leading-edge technology company that has built a globally recognized brand in the marine products industry since 1965, is seeking an **Electronics Technician**.

The **Electronics Technician** will report to the Production Manager and perform technical work involving assembly, calibration, and testing and repair of electronic equipment. This will include the use of hand tools and benchtop instruments to troubleshoot components and other electronic devices as needed. The **Electronics Technician** will also work with the Engineering department to assist in new product development.

**Essential Duties and Responsibilities** include the following. Other duties may be assigned.

- Manually assemble complex electronic and electro-mechanical devices and systems in accordance with schematics and wiring diagrams.
- Diagnoses cause of electronic or mechanical malfunction or failure of operational equipment and perform preventative and corrective maintenance.
- Adjust, calibrate, align, and modify circuitry and components, and record effects on unit performance.
- Remove, repair, or replace defective components, such as resistors, transformers, and capacitors, using soldering iron and hand tools.
- Discuss layout and assembly procedures and problems with engineering personnel and draw sketches to clarify design details and functional criteria of electronic units.
- Recommend changes in circuitry or installation specifications to simplify assembly and maintenance.
- Set up standard test apparatus or device test equipment and circuitry to conduct functional, operational, environmental, and life tests to evaluate performance and reliability.
- Analyze and interpret test data.
- Write technical reports and develop charts, graphs, and schematics to describe and illustrate system's operating characteristics, malfunctions, deviations from design specifications, and functional limitations for consideration by engineers in broader determinations affecting systems design.
- May assemble experimental circuitry or complete prototype model according to engineering instructions, technical manuals, and knowledge of electronic systems and components.
- May brush touch-up paint on cabinet or case, and varnish on exposed wiring.
- Other duties as assigned.

**Qualifications:**

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge,

skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**Education, Experience, Training or Skills Required:**

Associate degree (A. A.) or equivalent from two-year College or technical school; or three years related experience and/or training; or equivalent combination of education and experience. Training in electrical maintenance, assembly and repair and maintenance of Marine products would be ideal.

Language Ability

Ability to read and comprehend instructions, interpret circuits and diagrams, logic tables and circuit timing diagrams, technical and procedure manuals, computer code and programming languages, short correspondence, and memos. Ability to write routine reports, analysis reports, correspondence. Ability to effectively present information in one-on-one and small group situations to customers, clients, and other employees of the organization.

Math Ability

Ability to add, subtract, multiply and divide in all units of measure, using whole numbers, common fractions, and decimals. Ability to compute rate, ratio and percent and to draw and interpret bar graphs.

Reasoning Ability

Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.

Computer Skills

Proficiency with Microsoft Word, Excel, and Outlook. Proficiency with Wesmar products to be acquired.

Certificates and Licenses

None required.

**Work Environment:**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

This position will work in a varied environment including a standard light manufacturing shop floor. Noise level is low to moderate.

**Physical Demands:**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable

accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to sit for long periods of time and move to various locations. The employee must constantly reach with hands and fingers, frequently lift 25lbs, and use a computer. This position requires a high level of manual dexterity, and the ability to manipulate small components with hands and fingers. Employee must be able to work in close contact with small and large groups. Frequent communication is required.

### **Products**

- Scanning sonar for commercial fishing
- Trawl catch sonar for net and gear monitoring
- Central hydraulic systems to run a wide range of on board equipment
- Sonar for waterside security and underwater search and recovery
- Hydraulic and electric counter-rotating dual prop bow thrusters
- Digital triple axis gyro controlled fin stabilizer Systems